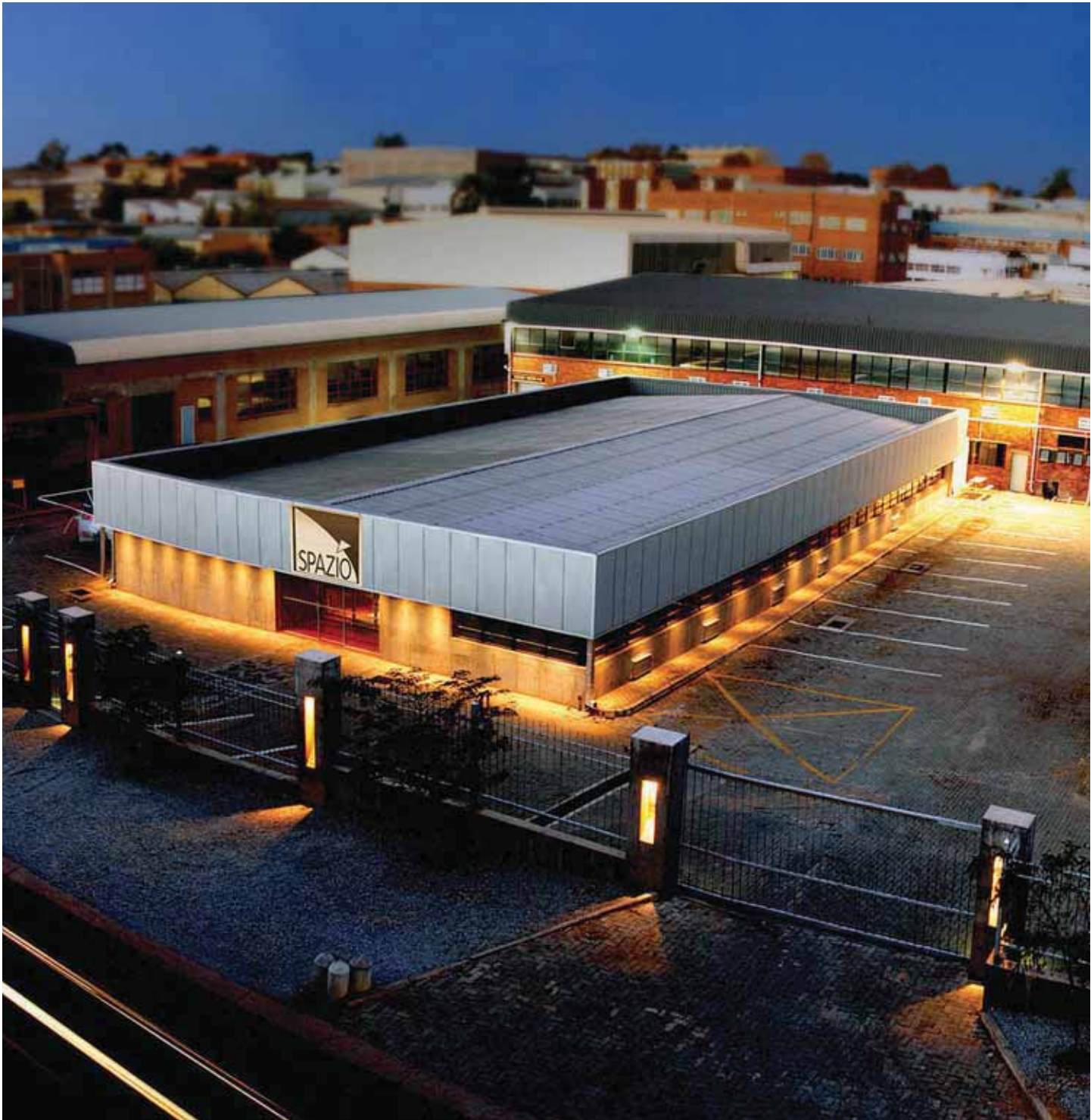




VOLUME
05
technical



Kardan Recessed Metal Halide G12
design by Spazio SPAZIO

INTERIOR DOWNLIGHTS

design by Spazio

SPAZIO

Product range

Product section

Designer/Manufacturer



Product image

Project image

Detailed product description

Build a Bear - Sandton



- Recessed metal halide spot
- Body and base in die-cast aluminium
- Tilting and swivel actions (fig.1)
- Available in various lamp configurations
- Easy lamp maintenance (fig.2)
- Remote gear required
- Can be installed on normally flammable surfaces
- Class 1
- IP 20

Fig. 1

Fig. 2 - Lamp Maintenance



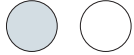
Additional technical/
 application pictograms

Kardan Recessed Metal Halide G12

INTERIOR DOWNLIGHTS

design by Spazio

SPAZIO



20 Metal
3021
3022
3023
3027
3028

31 White
3021
3022
3023

Available colour versions

Product versions

Short description

Technical Drawing (mm)



code lamp details

1 Light double tilting spot
3021/60 60° 35-150W 230V G12
3021/30 30° 35-150W 230V G12

Remote MH control gear required

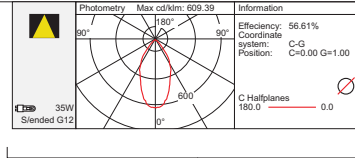
152 x 152

1 Light spot

3027.30 30° 35-150W 230V G12

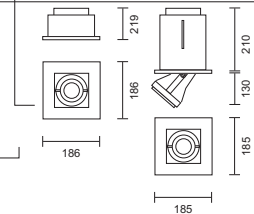
Remote MH control gear required

152 x 152



Basic photometric data

Product code/s



code lamp details

2 Light double tilting spot
3022/60 60° 2 x 35-150W 230V G12
3022/30 30° 2 x 35-150W 230V G12

Remote MH control gear required

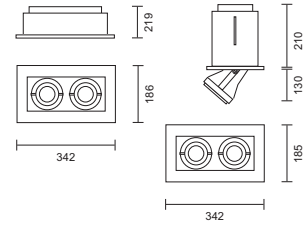
310 x 152

2 Light Spot

3028.30 30° 2 x 35-150W 230V G12

Remote MH control gear required

310 x 152

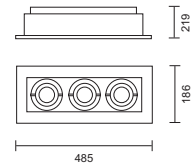


code lamp details

3 Light double tilting spot
3023/60 60° 3 x 35-150W 230V G12
3023/30 30° 3 x 35-150W 230V G12

Remote MH control gear required

452 x 152



Accessories



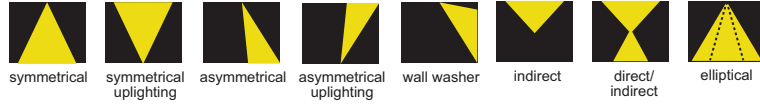
code details
Magnetic metal halide control gear
7330 35W
7331 70W
7332 150W
 See transformers, gears and accessories



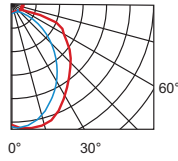
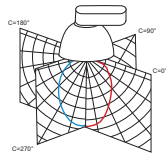
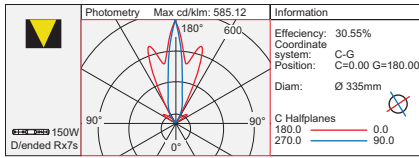
code details
Electronic metal halide control gear with end of life protection
7338 35W
7340 70W
7342 150W
 See transformers, gears and accessories

Accessories and additional components used together with main product for functionality

Lighting Distribution



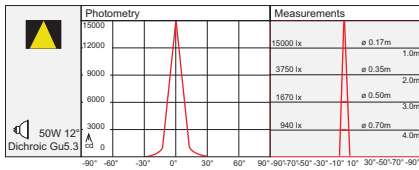
Polar Diagrams



Output angle: — 0-180° — 90° - 270°

Represents the distribution of luminous intensities on the transversal that is the C0° - 180° red line curve and longitudinal that is the C90° - 270° blue line curve with respect to the lamp.

Light Cones



The photometric graphics show the basic distribution of the light output. They should not be used for the purpose of planning a lighting system. Please feel free to ask for the Eulumdat files.

Classification of Fittings

Classification of fittings according to the electrical protection



Class I: Luminaire that needs earth connection. All parts of this type of product that might be touched and in case of defect can cause an electric shock, are connected to earth.



Class II: Luminaire that does not need earth connection. All metal parts that might, in case of defect, cause an electric shock, may not be touched.



Class III: Luminaire for low voltage use (not exceeding 24V) supplied through a safety transformer.



Coastal: Fittings suitable for coastal exterior applications as well as for reef installations.



Reef: Fittings suitable for installation in non coastal external areas only.

Classification of fittings according to the inflammability of the surfaces used in the installation



Suitable for installation on normally flammable surfaces.



Suitable for installation on furniture.

Other technical information relating to our products



Tilting angle of product downwards



Rotation angle of product



Cut out size



Minimum distance from any object



Electronic ballast



Electromagnetic ballast



Weight of product



Approved by the Italian Trademark Institute

Degrees of Protection

The first number identifies the protection degree against the entry of solid objects

- IP 1..** Protection against the entry of solid bodies with dimensions more than 50mm.
- IP 2..** Protection against the entry of solid bodies with dimensions more than 12mm.
- IP 3..** Protection against the entry of solid bodies with dimensions more than 2.5mm.
- IP 4..** Protection against the entry of solid bodies with dimensions more than 1mm.
- IP 5..** Protection against the entry of dust.
- IP 6..** Complete protection against the entry of dust.

The second number identifies the protection degree against the entry of liquid

- IP ..1** Protection against the vertical falling of water drops.
- IP ..2** Protection against the falling of water with a maximum inclination of 15°.
- IP ..3** Protection against rain.
- IP ..4** Protection against water sprays.
- IP ..5** Protection against water jets.
- IP ..6** Protection against big waves.
- IP ..7** Protection against the effects of limited periods of immersion.
- IP ..8** Protection against the effects of total submersion indefinitely.



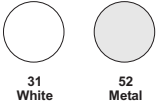
- High power LED downlight
- Body made in epoxy polyester painted die cast aluminium
- The fitting also comes complete with metalized heat resistant polycarbonate diffuser (fig. 1)
- A hinged system is used on the fitting (fig. 2)
- Even light distribution is obtained through the use of the PHILIPS Fortimo range of led's (fig. 3)
- All fittings come complete with LED driver
- The Ra Dixit range also includes a dimmable version
- The fitting also utilises a cooling device to avoid overheating. How it works? The device uses a diaphragm which through high speed oscillation, generates pulsating and forced air turbulence towards the heat sink fins
- Can be installed on normally flammable surfaces
- Class 1
- IP43

Fig. 1

Fig. 2

Fig. 3



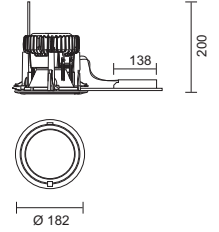
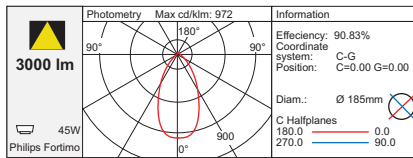
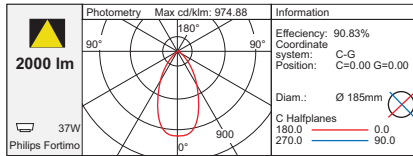
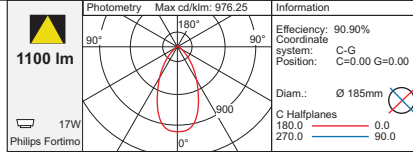


code lamp details
RA18 Dixit non dimmable

- IV/209-500** 17W 230V LED
Includes LED driver
- IV/209-510** 37W 230V LED
Includes LED driver
- IV/209-530** 45W 230V LED
Includes LED driver

RA18 Dixit dimmable

- IV/209-520** 37W 230V LED
Includes LED driver
- IV/209-540** 45W 230V LED
Includes LED driver

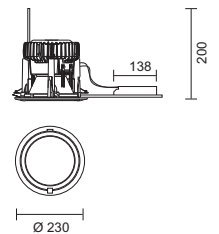
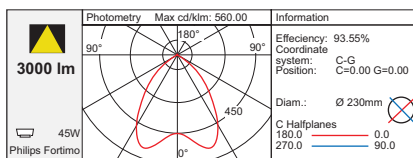
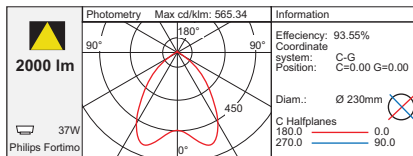
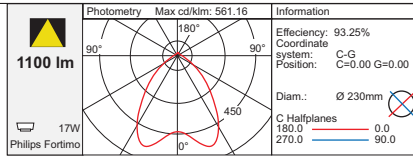


code lamp details
RA23 Dixit non dimmable

- IV/224-210** 17W 230V LED
Includes LED driver
- IV/224-220** 37W 230V LED
Includes LED driver
- IV/224-240** 45W 230V LED
Includes LED driver

RA23 Dixit dimmable

- IV/224-230** 37W 230V LED
Includes LED driver
- IV/224-250** 45W 230V LED
Includes LED driver





Paco Carpets - Greenside

- Metal halide downlight
- The body is made in die-cast aluminium with an aluminium reflector
- Available in both a symmetric or asymmetric version
- The Limit range utilises 35W, 70W and 150W single ended metal halide lamps
- Easy lamp maintenance with detachable reflector (fig.1a) and attached wire to hold the reflector in place (fig.1c)
- Remote control gear required
- Can be installed on normally flammable surfaces
- Class 1
- IP 20

Fig. 1a

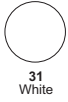


Fig. 1b

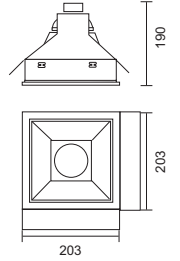
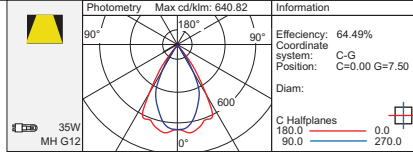
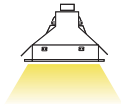


Fig. 1c

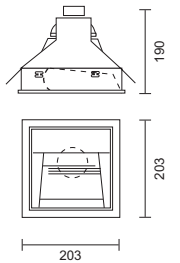
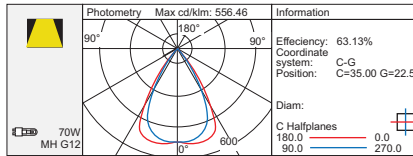
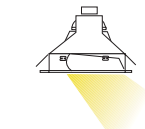




code lamp details
Symmetrical downlight
2853.2 35-70W 230V G12
 Remote MH control gear required
 Cut Out **190 x 190**



code lamp details
Asymmetrical downlight
2854.2 35-70W 230V G12
 Remote MH control gear required
 Cut Out **190 x 190**



Accessories



code details
Magnetic metal halide control gear
7330 35W
7331 70W
 See transformers, gears and accessories



code details
Electronic metal halide control gear with end of life protection
7338 35W
7340 70W
 See transformers, gears and accessories



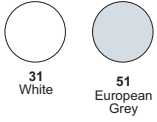
- Metal halide downlight
- The body is made in die-cast aluminium with an aluminium reflector
- The diffuser is made in glass
- Easy maintenance and tilting with accessible screw (fig.1)
- Tilting and rotating actions (tilting mechanism fig.2)
- The compass range utilises 35W, 70W and 150W single ended metal halide lamps
- Remote control gear required
- Can be installed on normally flammable surfaces
- Class 1
- IP 20

Fig. 1



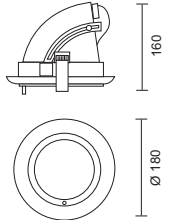
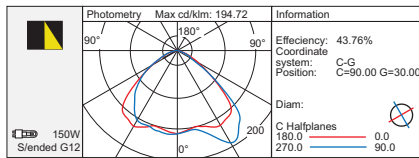
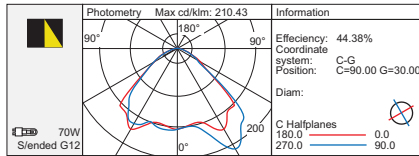
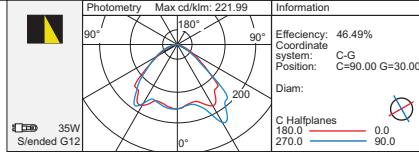
Fig. 2





code lamp details
Downlight for metal halide lamps

2852 35-150W 230V G12
 Remote MH control gear required



Accessories



code details
Magnetic metal halide control gear
7330 35W
7331 70W
7332 150W

See transformers, gears and accessories



code details
Electronic control gear with end of life protection
7338 35W
7340 70W



7342 150W

See transformers, gears and accessories



Stufafords - Sandton City



- Downlight for single ended metal halide lamps
- Available as a spot or as a downlight
- The casing is made in die-cast aluminium with a painted die-cast aluminium ring
- Tilting and swivel actions (fig.1)
- The fitting comes complete with a 60° or a 30° reflector
- Remote control gear required
- Can be installed on normally flammable surfaces
- Class 1 (MH)
- Class 3 (12V)
- IP 20

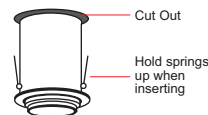
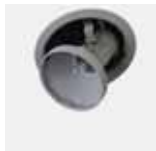
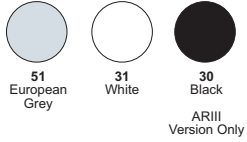


Fig. 1

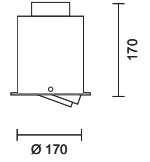
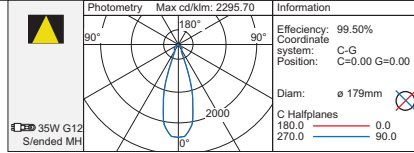
Spot Lamp Maintenance

Downlight Lamp Maintenance

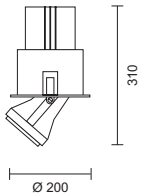
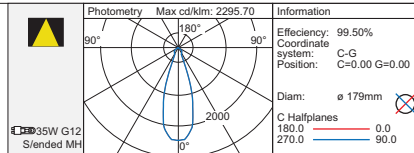




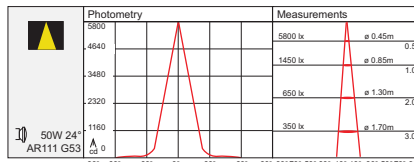
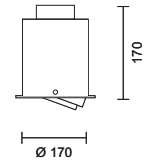
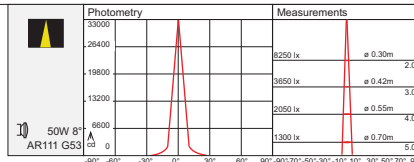
code lamp details
Recessed metal halide downlight
2850/30 30° 35/70/150W 230V G12
2850/60 60° 35/70/150W 230V G12
 Remote MH control gear required



code lamp details
Recessed metal halide spot
2851/30 30° 35/70/150W 230V G12
2851/60 60° 35/70/150W 230V G12
 Remote MH control gear required



code lamp details
Recessed ARIII spot
2849 50W 12V G53
 Remote transformer required



Accessories



code details
Magnetic metal halide control gear
7330 35W
7331 70W
7332 150W
 See transformers, gears and accessories



code details
Electronic metal halide control gear with end of life protection
7338 35W
7340 70W



code details weight
STR 50 dimmable safety transformer
7301 50VA 750grms
 See transformers, gears and accessories

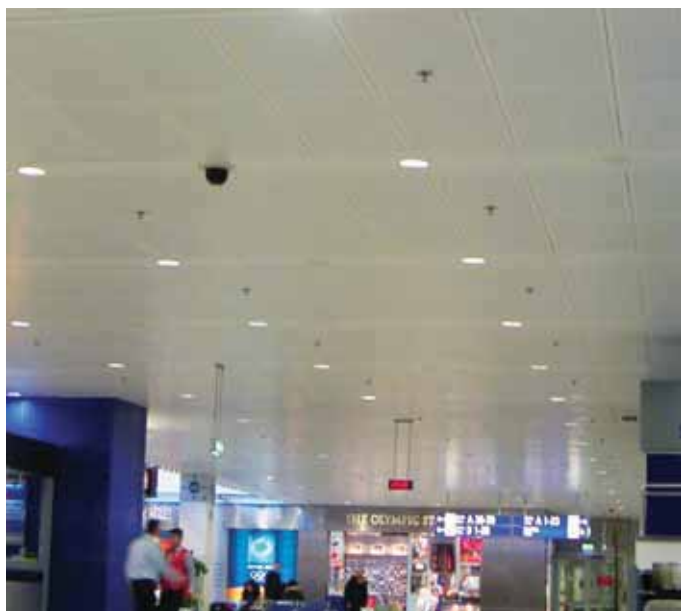


7342 150W



code details weight
Precise electronic dimmable transformer
7373 50VA 70.4grms
 See transformers, gears and accessories

See transformers, gears and accessories



PRO RECESSED

- Professional downlight range
- The ring of the PRO range is made in powder coated die cast aluminium
- The PRO downlights come complete with a high purity aluminium reflector and are available in the following options:
 - Low profile - Faceted reflector for restricted ceiling space
 - Low glare - Faceted deep reflector
 - Anti glare - Double parabolic reflector
 - Asymmetric - Wall washer
 - Pro 160 - Faceted anti glare reflector
 - Pro 170 - High purity reflector
 - Pro MH - Matt anti glare reflector
- All versions require a remote control gear and are available for electronic and magnetic gear options
- Can be installed on normally flammable surfaces
- Class I
- IP 20

PRO SURFACE

- Professional surface downlight range
- Symmetrical light output
- The body is made in aluminium
- The PRO surface downlights come complete with high purity aluminium reflector and are available in the following options:
 - Low glare- Faceted deep reflector
 - Anti glare - Double parabolic reflector
- The PRO surface range use compact fluorescent lamps and include integral magnetic gear or electronic control gear
- Can be installed on normally flammable surfaces
- Class I
- IP 20

Hang chain on MH Pro

MH Reflector

Metal Halide

Compact Fluorescent





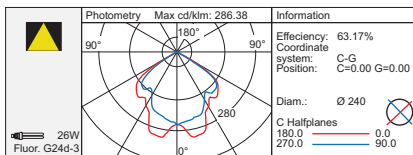
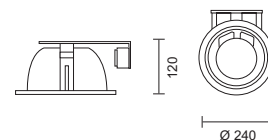
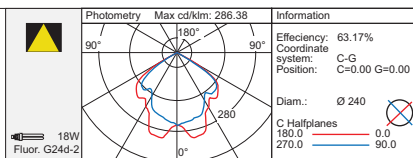
31
White

code lamp details



Low profile 18W
2860.218 2 x 18W 230V G24d-2
 Remote magnetic control gear required
2860.218E 2 x 18W 230V G24q-2
 Remote electronic control gear required

Low profile 26W
2860.226 2 x 26W 230V G24d-3
 Remote magnetic gear required
2860.226E 2 x 26W 230V G24q-3
 Remote electronic control gear required



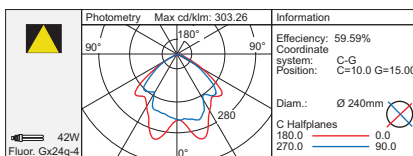
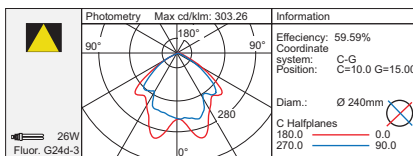
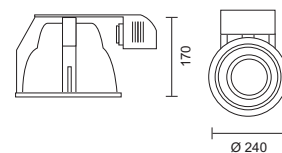
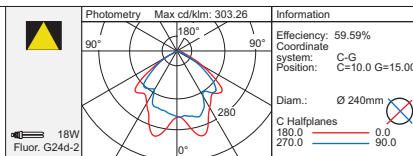
code lamp details



Low glare 18W
2861.218 2 x 18W 230V G24d-2
 Remote magnetic control gear required
2861.218E 2 x 18W 230V G24q-2
 Remote electronic control gear required

Low glare 26W
2861.226 2 x 26W 230V G24d-3
 Remote magnetic gear required
2861.226E 2 x 26W 230V G24q-3
 Remote electronic control gear required

Low glare 42W
2861.242E 2 x 42W 230V Gx24q-4
 Remote electronic control gear required



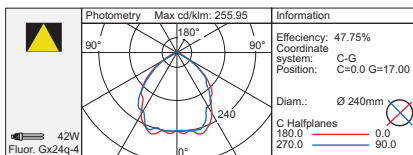
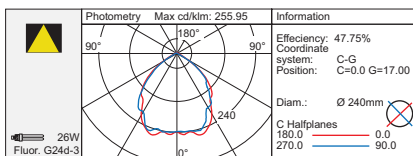
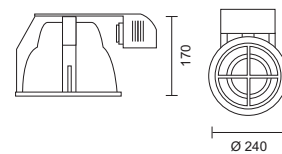
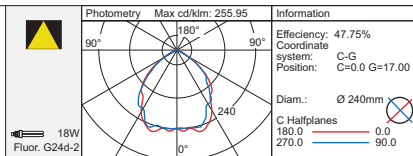
code lamp details

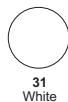


Anti-glare 18W
2862.218 2 x 18W 230V G24d-2
 Remote magnetic gear required
2862.218E 2 x 18W 230V G24q-2
 Remote electronic control gear required

Anti-glare 26W
2862.226 2 x 26W 230V G24d-3
 Remote magnetic control gear required
2862.226E 2 x 26W 230V G24q-3
 Remote electronic control gear required

Anti-glare 42W
2862.242E 2 x 42W 230V Gx24q-4
 Remote electronic control gear required



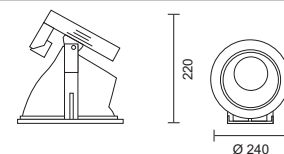
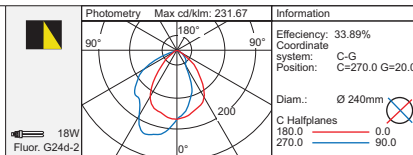


31
White

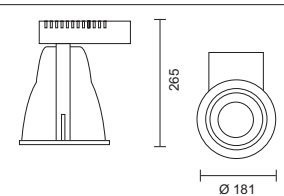
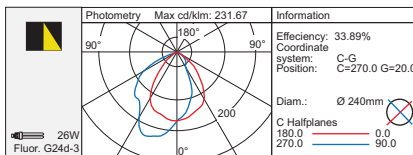
code lamp details



Asymmetric 18W
2863.218 2 x 18W 230V G24d2
 Remote magnetic gear required
2863.218E 2 x 18W 230V G24q-2
 Remote electronic gear required



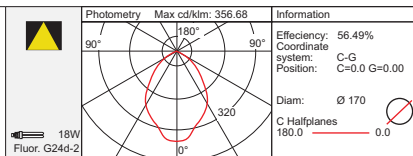
Asymmetric 26W
2863.226 2 x 26W 230V G24d-3
 Remote magnetic gear required
2863.226E 2 x 26W 230V G24q-3
 Remote electronic gear required



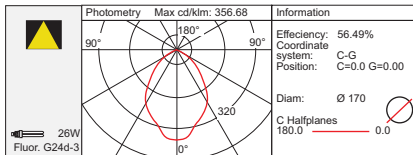
code lamp details



Pro 160 faceted anti glare reflector 18W with steel ring
2864.118 18W 230V G24d-2
 Integral magnetic control gear included
2864.118E 18W 230V G24q-2
 Integral electronic control gear included



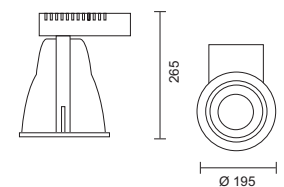
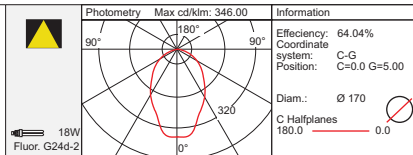
Pro 160 faceted anti glare reflector 26W with steel ring
2864.126 26W 230V G24d-3
 Integral magnetic control gear included
2864.126E 26W 230V G24q-3
 Integral electronic control gear included



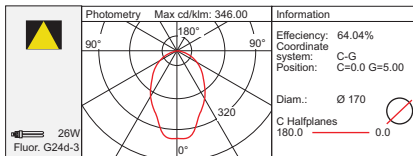
code lamp details



Pro 170 high purity anti glare reflector 18W
2865.118 18W 230V G24d-2
 Integral magnetic control gear included
2865.118E 18W 230V G24q-2
 Integral electronic control gear included



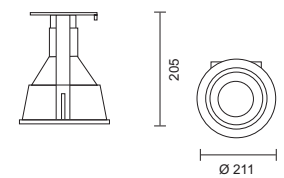
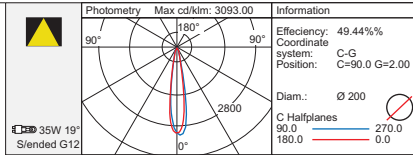
Pro 170 high purity anti glare reflector 26W
2865.126 26W 230V G24d-3
 Integral magnetic control gear included
2865.126E 26W 230V G24q-3
 Integral electronic control gear included



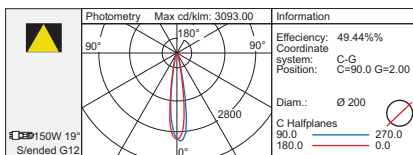
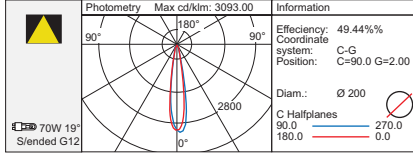
code lamp details



Pro MH matt anti-glare 19° reflector 35-150W
2866.MH.1 35-150W 230V G12
 Remote magnetic or electronic control gear required



Pro MH matt anti-glare 45° reflector 35-150W
2866.MH.2 35-150W 230V G12
 Remote magnetic or electronic control gear required

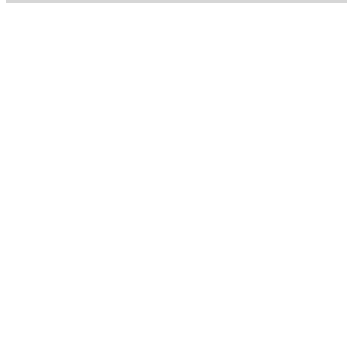
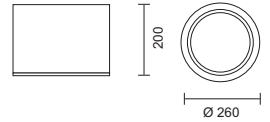
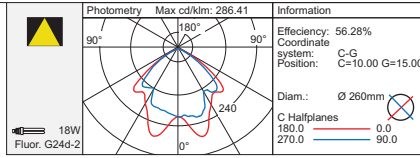
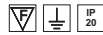




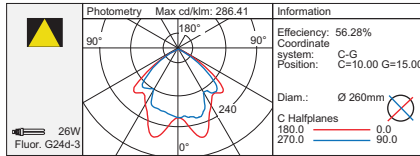
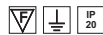
31
White



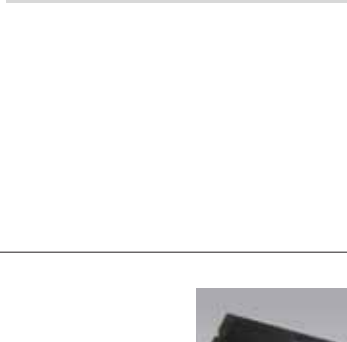
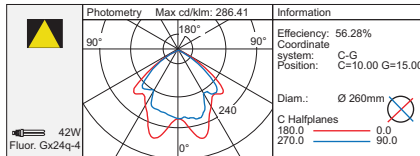
code lamp details
Surface low glare 18W
2868.218 2 x 18W 230V G24d-2
 Includes integral magnetic control gear
2868.218E 2 x 18W 230V G24q-2
 Includes integral electronic control gear



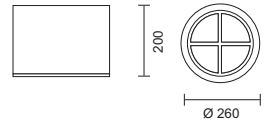
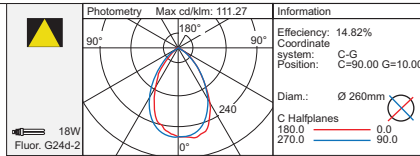
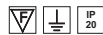
Surface low glare 26W
2868.226 2 x 26W 230V G24d-3
 Includes integral magnetic control gear
2868.226E 2 x 26W 230V G24q-3
 Includes integral electronic control gear



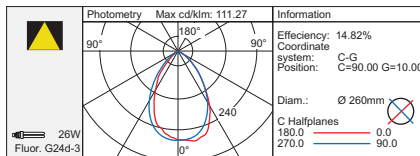
Surface low glare 42W
2868.242E 2 x 42W 230V G24q-4
 Includes integral electronic control gear



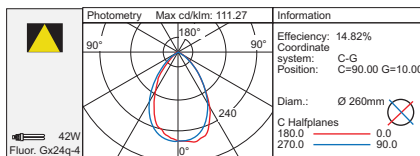
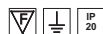
code lamp details
Surface anti-glare (dark light) 18W
2869.218 2 x 18W 230V G24d-2
 Includes integral magnetic control gear
2869.218E 2 x 18W 230V G24q-2
 Includes integral electronic control gear



Surface anti-glare (dark light) 26W
2869.226 2 x 26W 230V G24d-3
 Includes integral magnetic control gear
2869.226E 2 x 26W 230V G24q-3
 Includes integral electronic control gear



Surface anti glare (dark light) 42W
2869.242E 2 x 42W 230V G24q-4
 Includes integral electronic control gear



Accessories



code details
Magnetic fluorescent control gear
7322 1 x 18W
7323 1 x 26W
7325 2 x 18W
7326 2 x 26W

See transformers, gears and accessories



code details
Electronic fluorescent control gear
7348 18W
7349 26W
7350 2 x 26W
7351 2 x 18W

See transformers, gears and accessories



code details
Magnetic metal halide control gear
7330 35W
7331 70W
7332 150W

See transformers, gears and accessories



code details
Electronic metal halide control gear with end of life protection
7338 35W
7340 70W
7342 150W

See transformers, gears and accessories



- Metal halide downlight
- Body in die-cast aluminium
- The fitting comes complete with two reflectors either, faceted (72°) or matt (56°)
- Requires remote gear either
 - Electronic
 - Magnetic
- Available for 35, 70, 150W G12 lamps
- Transparent glass diffuser
- Can be installed on normally flammable surfaces
- Class 1

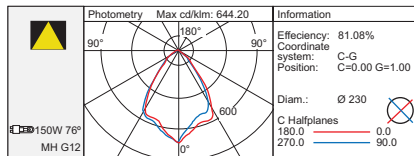
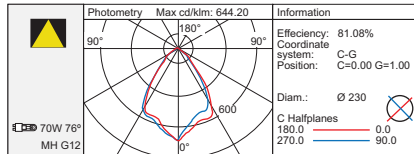
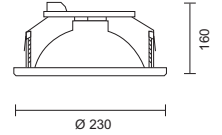
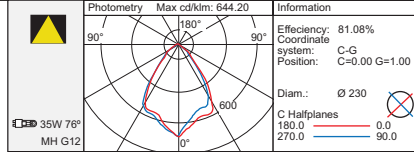




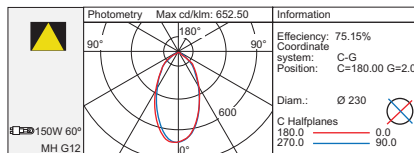
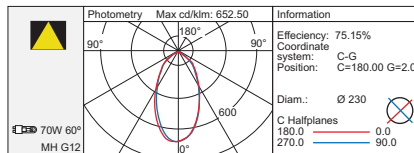
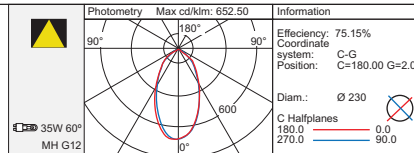
31
White



code lamp details
Faceted 76° Reflector
2866.3.MH 35-150W 230V G12
 Remote MH control gear required
215



code lamp details
Matt 60° Reflector
2866.2.MH 35-150W 230V G12
 Remote MH control gear required
215



Accessories



code details
Magnetic metal halide control gear
7330 35W
7331 70W
7332 150W
 See transformers, gears and accessories



code details
Electronic metal halide control gear with end of life protection
7338 35W
7340 70W
7342 150W
 See transformers, gears and accessories

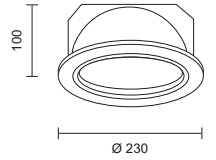
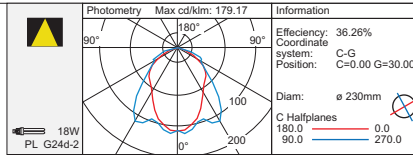


- Downlight for metal halide and fluorescent lamps
- The body is made in die-cast aluminium
- The diffuser is made of clear tempered glass
- Utilises a hinged diffuser system for easy lamp replacement
- Remote gears required on codes 2804-2809
- Mera + Ecg version Includes **electronic** gear wired to fitting
- Can be installed on normally flammable surfaces
- Class 1
- IP 20

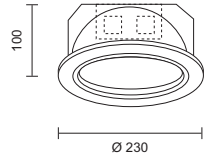
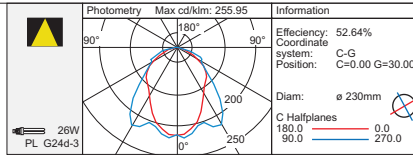




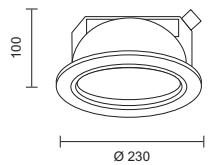
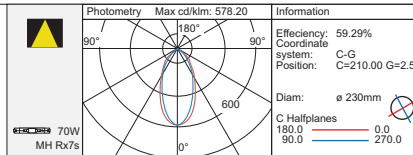
code lamp details
Mera 18W PL
2804 18W 230V G24d-2
 Remote FL control gear required



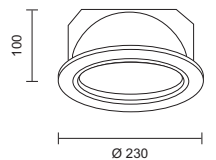
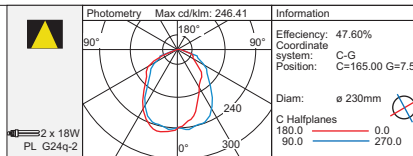
code lamp details
Mera 26W PL
2806 26W 230V G24d-3
 Remote FL control gear required



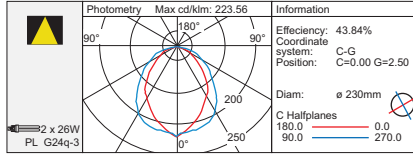
code lamp details
Mera 70W Double ended MH
2808 70W 230V Rx7s
 Remote MH control gear required



code lamp details
Mera 2 x 18W 4 pin PL
2813 2 x 18W 230V G24q-2
 Includes Electronic Gear



code lamp details
Mera 2 x 26W 4 pin PL
2814 2 x 26W 230V G24q-3
 Includes Electronic Gear



Accessories



code	details
Magnetic metal halide control gear	

7331	70W
7332	150W

See transformers, gears and accessories



code	details
Electronic metal halide control gear with end of life protection	

7340	70W
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7342	150W
-------------	------

See transformers, gears and accessories



code	details
Magnetic fluorescent control gear	

7322-IMP	18W
7323-IMP	26W
7324-IMP	2 x 13W
7325-IMP	2 x 18W
7326-IMP	2 x 26W

Electronic gears and mera versions available
See transformers, gears and accessories

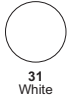




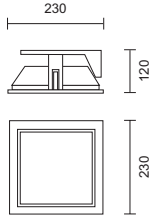
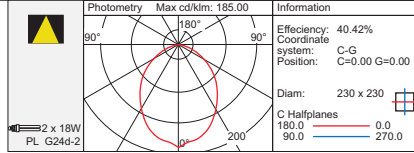
- Downlight for metal halide and fluorescent lamps
- The body is made in die-cast aluminium with a 99.9% pure aluminium reflector and clear tempered glass diffuser
- Clip system allows for easy maintenance while tempered glass is retained to the body by means of hinges (fig.1)
- Remote gears required for all versions
- Can be installed on normally flammable surfaces
- Class 1
- IP 20

Fig. 1

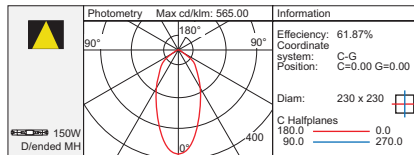
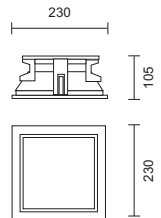
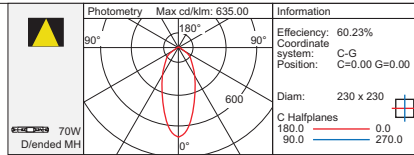
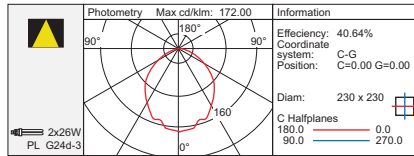




code lamp details
Compact fluorescent
2713 2 x 18W 230V G24d-2
2715 2 x 26W 230V G24d-3
 Remote FL control gear required
Ø 200 x 200



code lamp details
Metal halide
2710 70W 230V Rx7s
2711 150W 230V Rx7s
 Remote MH control gear required
Ø 200 x 200



Accessories



code details
Magnetic metal halide control gear
7331 70W
7332 150W
 See transformers, gears and accessories



code details
Electronic metal halide control gear with end of life protection
7340 70W



code details
Magnetic fluorescent control gear
7325-IMP 2 x 18W
7326-IMP 2 x 26W
 See transformers, gears and accessories



code details
7342 150W
 See transformers, gears and accessories



code details
Electronic fluorescent control gear
7350 2 x 26W
7351 2 x 18W
 See transformers, gears and accessories



- Downlight for metal halide and QI lamps
- The body is made in die-cast aluminium with a 99.9% pure aluminium reflector
- The diffuser is made of clear tempered glass.
- 60° Tilting action (fig.1)
- Easy lamp maintenance
- Remote gear required
- Can be installed on normally flammable surfaces
- Class 1
- IP 20

Fig. 1

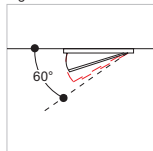
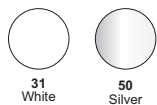


Fig. 2 - Lamp Maintenance

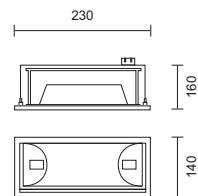
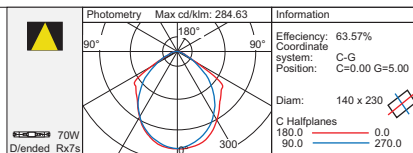




code lamp details
70W Metal halide tilting downlight

MH230/001 70W 230V Rx7s

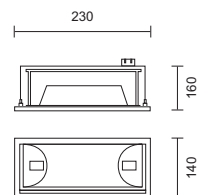
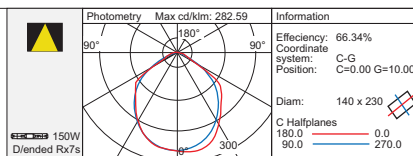
Remote MH control gear required



code lamp details
150W Metal halide tilting downlight

MH230/101 150W 230V Rx7s

Remote MH control gear required



Accessories



code details
Magnetic metal halide control gear

7331 70W
7332 150W

See transformers, gears and accessories



code details
Electronic metal halide control gear with end of life protection

7340 70W



7342 150W

See transformers, gears and accessories

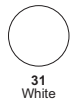


Jet - Sandton City

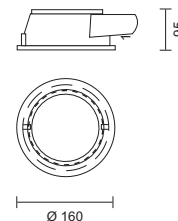
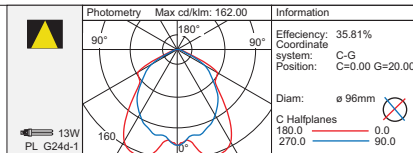
- Downlight for metal halide, QI and fluorescent lamps
- The body is made in die-cast aluminium with a 99.9% pure aluminium reflector
- The diffuser is made of clear tempered glass
- Easy lamp maintenance with twist off cover (fig.1)
- Remote gear required
- Can be installed on normally flammable surfaces
- Class 1
- IP 20

Fig. 1 - Lamp Maintenance

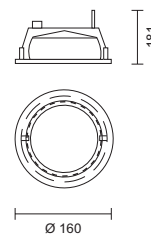
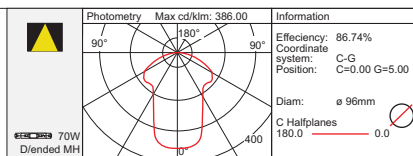




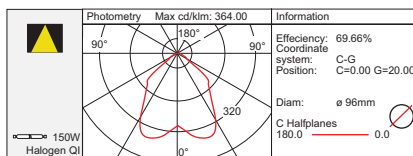
code lamp details
13W Compact fluorescent
MH200/80N8 13W 230V G24d-1
 Remote FL gear required



code lamp details
70W Double ended MH
MH200/007 70W 230V Rx7s
 Remote MH gear required



code lamp details
Double ended halogen
MH200/200 150W 230V R7s



Accessories



code details
Magnetic metal halide control gear
7331 70W
 See transformers, gears and accessories



code details
Electronic metal halide control gear with end of life protection
7340 70W



code details
Magnetic fluorescent control gear
7231-IMP 13W
7234-IMP 2 x 13W
 See transformers, gears and accessories



code details
7342 150W
 See transformers, gears and accessories

Electronic gears and RA160 versions available

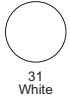


- Recessed downlight
- Body in die-cast aluminium
- Available for both metal halide and ARIII lamps
- The Metal halide version comes complete with 30° reflector and requires a remote control gear
- Utilises the following metal halide lamps 35, 70, 150W G12
- ARIII version requires remote transformer
- A mixed lamp version is also available
- Self retaining twist off ring with glass diffuser (fig. 1a and b)
- Can be installed on normally flammable surfaces
- Class 1 (G12) or III (ARIII)
- IP20

Fig. 1a

Fig. 1b

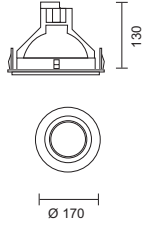
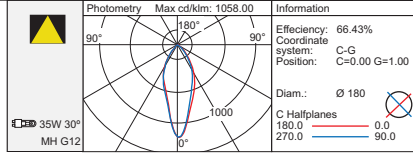




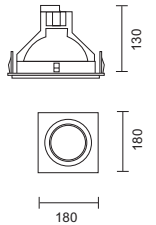
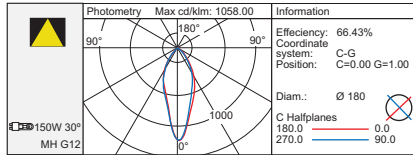
31
White



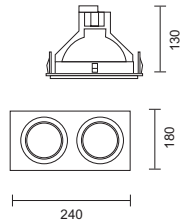
code lamp details
Metal halide 1 light round
3029.1.R 35-150W 230V G12
 Remote MH control gear required
Ø 156



code lamp details
Metal halide 1 light square
3029.1 35-150W 230V G12
 Remote MH control gear required
156 x 156



code lamp details
Metal halide 2 light
3029.2 2 x 35-150W 230V G12
 Remote MH control gear required
230 x 156

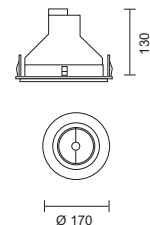
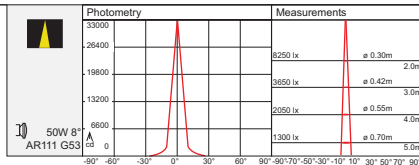




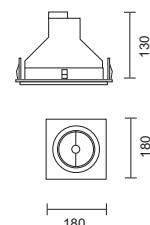
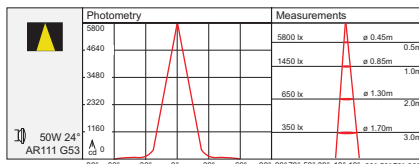
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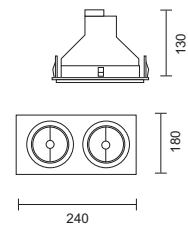
code lamp details
ARIII 1 light round
3030.1.R 50W 12V G53
 Remote transformer required
Ø 156



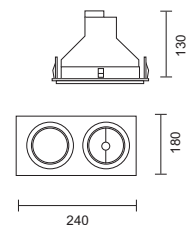
code lamp details
ARIII 1 light square
3030.1. 50W 12V G53
 Remote transformer required
156 x 156



code lamp details
ARIII 2 light
3030.2 2 x 50W 12V G53
 Remote transformer required
230 x 156



code lamp details
Mixed light
3030.3 50W 12V G53
 35-150W 230V G12
230 x 156



Accessories



code	details
Magnetic metal halide gear box	
7330	35W
7331	70W
7332	150W

See transformers, gears and accessories



code	details	weight
STR 50 dimmable safety transformer		
7301	50VA	750grms

See transformers, gears and accessories



code	details	weight
TLC dimmable safety transformer		
7303	50VA	1080grms

See transformers, gears and accessories



code	details
Electronic metal halide control gear with end of life protection	
7338	35W
7340	70W



7342	150W
-------------	------

See transformers, gears and accessories



code	details	weight
Precise electronic dimmable transformer		
7373	20-60VA	70.4grms

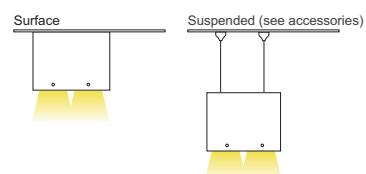
See transformers, gears and accessories



Tempur - Design Quarter

- Surface mounted or suspended luminaire
- Comes complete with either a 30° or 60° reflector
- Body and base in metal
- Clear glass diffuser/s
- Tilting and swivel actions (fig.1)
- Includes metal halide gear
- Available in various lamp configurations
- Fitting is supplied for surface applications however a suspension kit is available for suspended mounting (see accessories)
- Can be installed on normally flammable surfaces
- Class 1
- IP 20

Fig. 1





20
European Grey

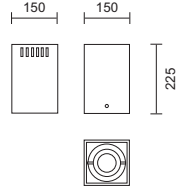
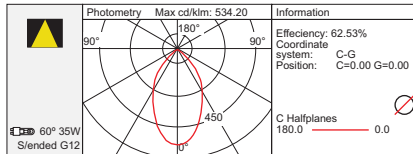
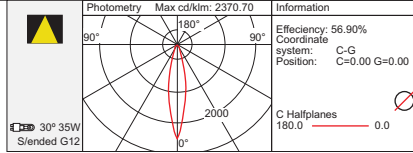


code lamp details

1 Light

- 3071.30.35 30° 35W 230V G12
- 3071.60.35 60° 35W 230V G12
- 3071.30.70 30° 70W 230V G12
- 3071.60.70 60° 70W 230V G12
- 3071.30.150 30° 150W 230V G12
- 3071.60.150 60° 150W 230V G12

Includes integral gear

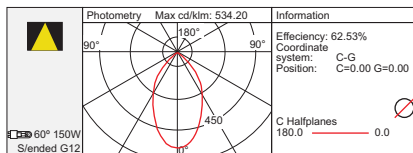
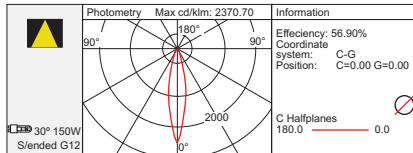
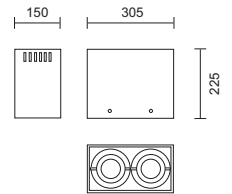
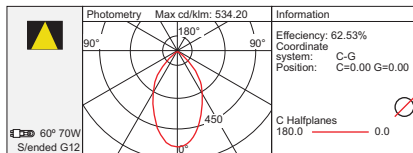
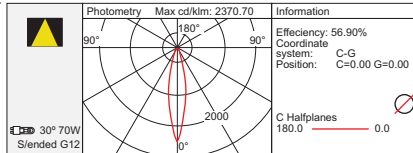


code lamp details

2 Light

- 3072.30.35 30° 2 x 35W 230V G12
- 3072.60.35 60° 2 x 35W 230V G12
- 3072.30.70 30° 2 x 70W 230V G12
- 3072.60.70 60° 2 x 70W 230V G12
- 3072.30.150 30° 2 x 150W 230V G12
- 3072.60.150 60° 2 x 150W 230V G12

Includes integral gear



Accessories

code details

Suspension kit for Kardan

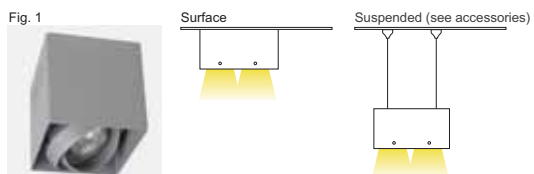
- 3071/SUSP - 1 Light
- 3072/SUSP - 2 Light





- Suspended or surface mounted luminaire
- Body and base in metal
- Tilting and swivel actions (fig.1)
- Includes integral transformer
- Available in various lamp configurations
- Fitting is supplied for surface applications however a suspension kit is available for suspended mounting (see accessories)
- Lamp is recessed into fitting for low glare effect
- Can be installed on normally flammable surfaces
- Class 3
- IP 20

Fig. 1

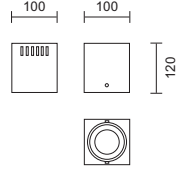
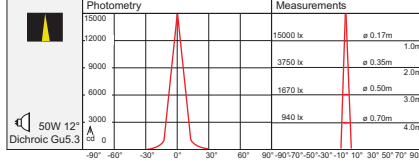




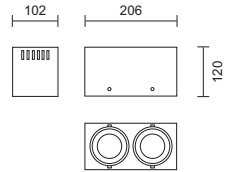
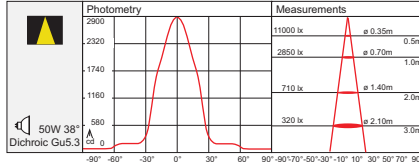
20
European Grey



code lamp details
1 Light double tilting spot
3041/20L 50W 12V Gu5.3
 Includes integral transformer



code lamp details
2 Light double tilting spot
3042/20L 2 x 50W 12V Gu5.3
 Includes integral transformer



Accessories



code details
Suspension kit for Kardan
3071/SUSP - 1 Light
3072/SUSP - 2 Light

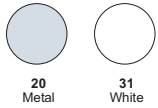


- Recessed metal halide spot
- Body and base in die-cast aluminium
- Tilting and swivel actions (fig.1)
- Available in various lamp configurations
- Easy lamp maintenance (fig.2)
- Remote gear required
- Can be installed on normally flammable surfaces
- Class 1
- IP 20

Fig. 1

Fig. 2 - Lamp Maintenance





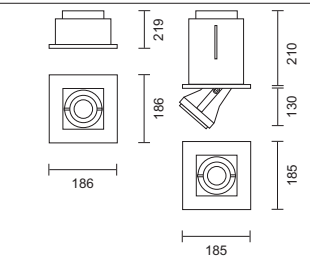
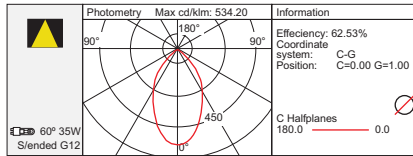
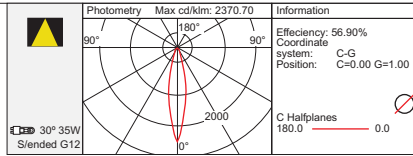
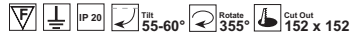
code lamp details
1 Light double tilting spot
3021/60 60° 35-150W 230V G12
3021/30 30° 35-150W 230V G12

Remote MH control gear required



1 Light retractable spot
3027.30 30° 35-150W 230V G12

Remote MH control gear required



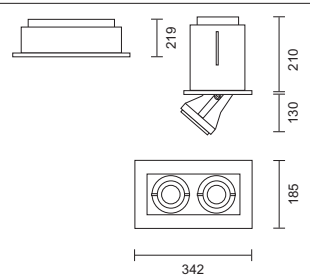
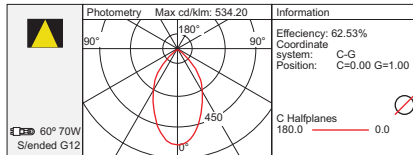
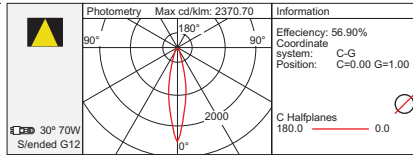
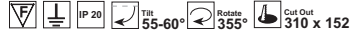
code lamp details
2 Light double tilting spot
3022/60 60° 2 x 35-150W 230V G12
3022/30 30° 2 x 35-150W 230V G12

Remote MH control gear required



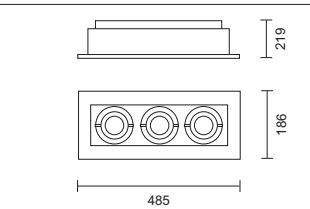
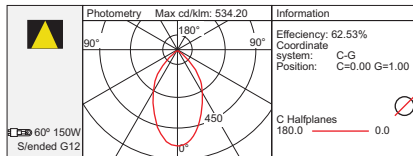
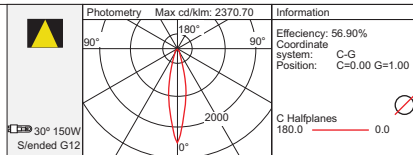
2 Light retractable spot
3028.30 30° 2 x 35-150W 230V G12

Remote MH control gear required



code lamp details
3 Light double tilting spot
3023/60 60° 3 x 35-150W 230V G12
3023/30 30° 3 x 35-150W 230V G12

Remote MH control gear required



Accessories



code details
Magnetic metal halide control gear

7330 35W
7331 70W
7332 150W

See transformers, gears and accessories



code details
Electronic metal halide control gear with end of life protection

7338 35W
7340 70W



7342 150W

See transformers, gears and accessories



Le Sol Research - Midrand



- Recessed low voltage luminaire
- Body in metal
- Tilt and swivel action
- Remote transformer required
- Can be installed on normally flammable surfaces
- Class 3
- IP 20





20
Metal

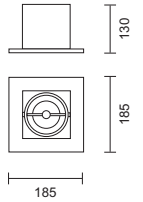
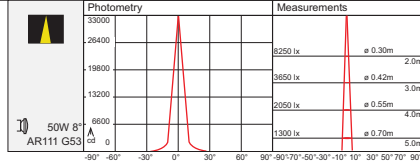


code lamp details

1 Light

3011 50W 12V G53

Remote transformer required

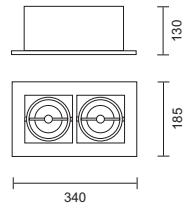
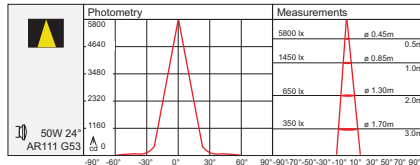


code lamp details

2 Light

3012 2 x 50W 12V G53

Remote transformer required



Accessories



code details weight
STR 50 dimmable safety transformer

7301 50VA 750grms

See transformers, gears and accessories



code details weight
TLC dimmable safety transformer

7303 50VA 1080grms

See transformers, gears and accessories



code details weight
Precise electronic dimmable transformer

7373 20-50VA 70.4grms

See transformers, gears and accessories



- Recessed low voltage luminaire
- Body in metal
- Double tilting action (fig. 1)
- Remote transformer required
- Lamp recessed in the fitting for low glare effect
- Suitable for MR16 lamps in all wattages up to 50W or LED MR16 lamps
- Can be installed on normally flammable surfaces
- Class 3
- IP 20

Fig. 1

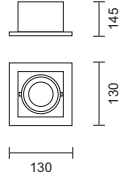
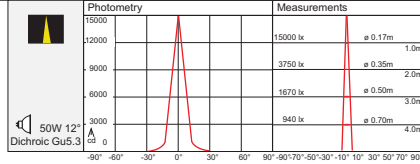




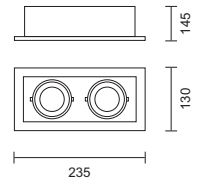
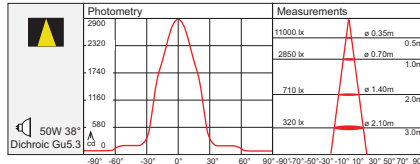
20
Metal



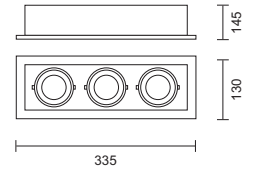
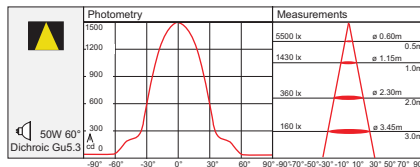
code lamp details
1 Light double tilting spot
3001 50W 12V Gu5.3
 Remote transformer required



code lamp details
2 Light double tilting spot
3002 2 x 50W 12V Gu5.3
 Remote transformer required



code lamp details
3 Light double tilting spot
3003 3 x 50W 12V Gu5.3
 Remote transformer required



Accessories



code details weight
STR 50 dimmable safety transformer
7301 50VA 750grms
 See transformers, gears and accessories



code details weight
TLC dimmable safety transformer
7303 50VA 1080grms
 See transformers, gears and accessories



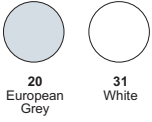
code details weight
Precise electronic dimmable transformer
7373 20-50VA 70.4grms
 See transformers, gears and accessories



- Recessed low voltage luminaire
- Body and base in metal
- Double tilting action (fig. 1)
- Remote transformer required
- The fitting is rimless allowing for suspended ceiling application
- Lamp recessed in the fitting for low glare effect
- Suitable for MR16 lamps in all wattages up to 50W or LED MR16 lamps
- Can be installed on normally flammable surfaces
- Class 3
- IP 20

Fig. 1



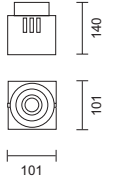
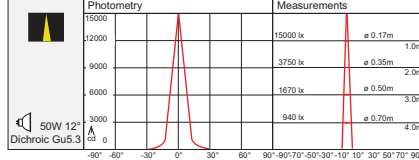


20 European Grey

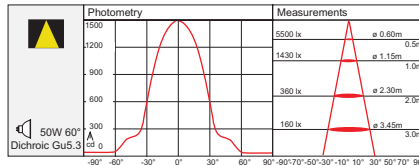
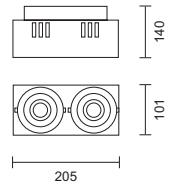
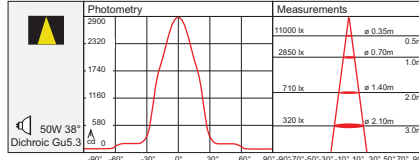
31 White



code lamp details
1 Light double tilting spot
3061 50W 12V Gu5.3
 Remote transformer required



code lamp details
2 Light double tilting spot
3062 2 x 50W 12V Gu5.3
 Remote transformer required



Accessories



code details weight
STR 50 dimmable safety transformer
7301 50VA 750grms
 See transformers, gears and accessories



code details weight
TLC dimmable safety transformer
7303 50VA 1080grms
 See transformers, gears and accessories



code details weight
Precise electronic dimmable transformer
7373 20-50VA 70.4grms
 See transformers, gears and accessories

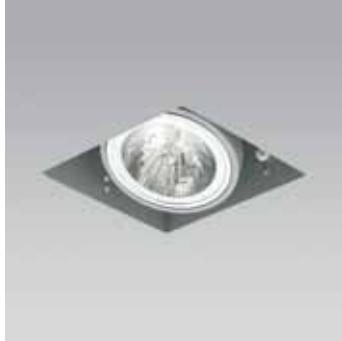


- Recessed rimless low voltage luminaire
- Body and base in metal
- Remote transformer required
- Available in various lamp configurations
- Can be installed on normally flammable surfaces
- Class 3
- IP 20





20
Metal

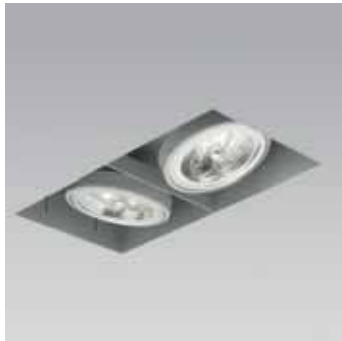
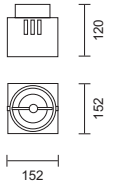
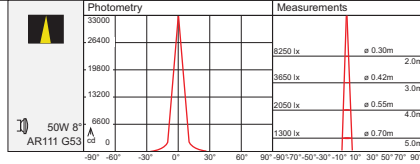


code lamp details

1 Light

3031 50W 12V G53

Remote transformer required

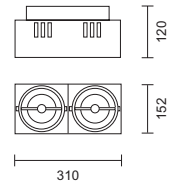
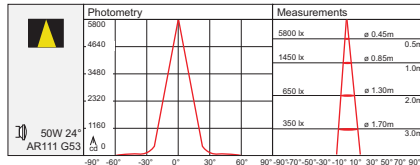


code lamp details

2 Light

3032 2 x 50W 12V G53

Remote transformer required



Accessories

code details weight

STR 50 dimmable safety transformer

7301 50VA 750grms

See transformers, gears and accessories



code details weight

TLC dimmable safety transformer

7303 50VA 1080grms

See transformers, gears and accessories



code details weight

Precise electronic dimmable transformer

7373 20-50VA 70.4grms

See transformers, gears and accessories





- Low voltage range of downlights in round or square shape
- Edge downlights have three different styles namely fixed, tilt and antiglare with the Edge basic range available in fixed and tilt only
- The body of the Edge range of downlights is made in turned solid aluminium and has a very fine finish (fig.1)
- Easy lamp installation (fig.2)
- Utilizes a unique clipping system to hold the lamp in place (fig.3)
- Remote transformer required
- Can be installed on normally flammable surfaces
- Class 3
- IP 20

Fig. 1



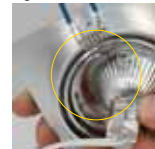
Fig. 2a



Fig. 2b



Fig. 3

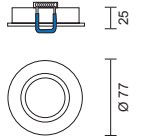
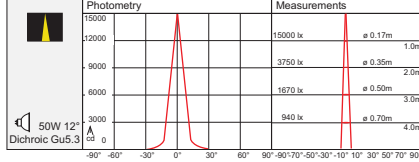




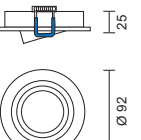
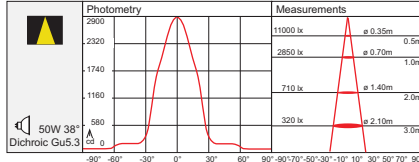
Aluminium



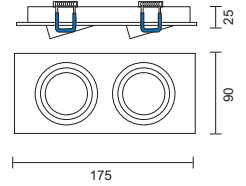
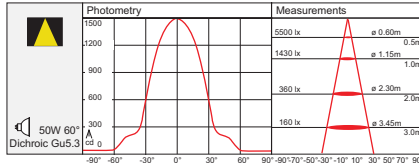
code lamp details
Edge fixed round
2210 50W 12V Gu5.3
 Remote transformer required
ø 60



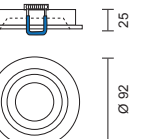
code lamp details
Edge tilt round
2211 50W 12V Gu5.3
 Remote transformer required
ø 75



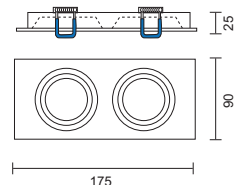
Edge tilt 2 light
2220 2 x 50W 12V Gu5.3
 Remote transformer required
80 x 160



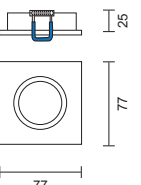
code lamp details
Edge anti-glare round
2212 50W 12V Gu5.3
 Remote transformer required
ø 75



Edge anti-glare 2 light
2221 2 x 50W 12V Gu5.3
 Remote transformer required
75 x 162



code lamp details
Edge fixed square
2213 50W 12V Gu5.3
 Remote transformer required
ø 60

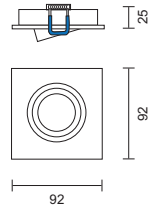
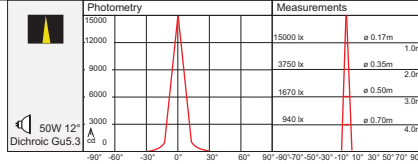




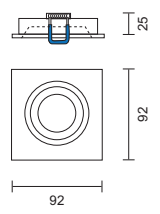
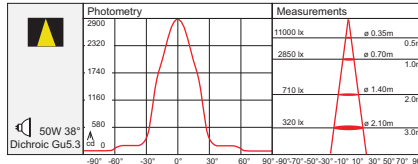
Aluminium



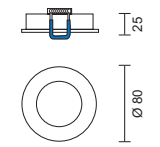
code lamp details
Edge tilt square
2214 50W 12V Gu5.3
 Remote transformer required
ø 78



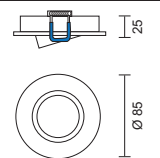
code lamp details
Edge anti-glare square
2215 50W 12V Gu5.3
 Remote transformer required
ø 75



code lamp details
Edge Basic fixed round
2216 50W 12V Gu5.3
 Remote transformer required
ø 60



code lamp details
Edge Basic tilt round
2217 50W 12V Gu5.3
 Remote transformer required
ø 70





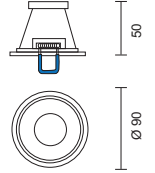
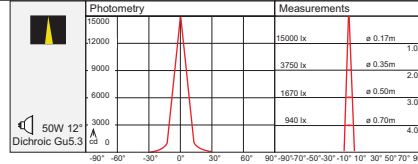
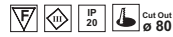
Aluminium



code lamp details
Edge Basic anti-glare round

2218 50W 12V Gu5.3

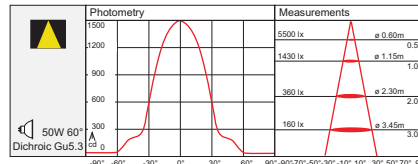
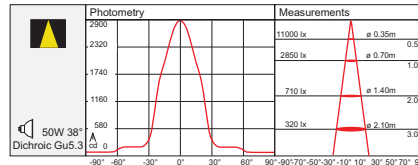
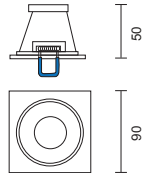
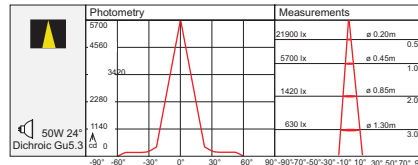
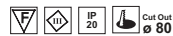
Remote transformer required



code lamp details
Edge Basic anti-glare square

2219 50W 12V Gu5.3

Remote transformer required



Accessories



code details weight
STR 50 dimmable safety transformer

7301 50VA 750grms

See transformers, gears and accessories



code details weight
TLC dimmable safety transformer

7303 50VA 1080grms

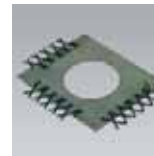
See transformers, gears and accessories



code details weight
Precise dimmable electronic transformer

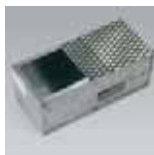
7373 20-50VA 70.4grms

See transformers, gears and accessories



code details
Box cut out used together with the concrete box for insertion into concrete

Boxcut/60 Diam. 60 cut out
Boxcut/75 Diam. 75 cut out



code details
Concrete Box used together with the cut out for insertion into concrete

Box 1 (L)250 x (W)146 x (H)122



- Surface or recessed compact fluorescent downlight
- The body is made in powder coated metal
- Excludes lamp
- The fitting uses a compact fluorescent lamp with bayonet lock type base (fig. 1a-c)
- Can be installed on normally flammable surfaces
- Class 1
- IP 20

Fig. 1a



Fig. 1b



Fig. 1c



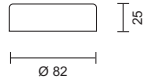


18
Matt
Chrome



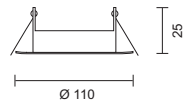
code lamp details
Surface (excludes lamp)

2054 9W 230V GX53



code lamp details
Recessed (excludes lamp)

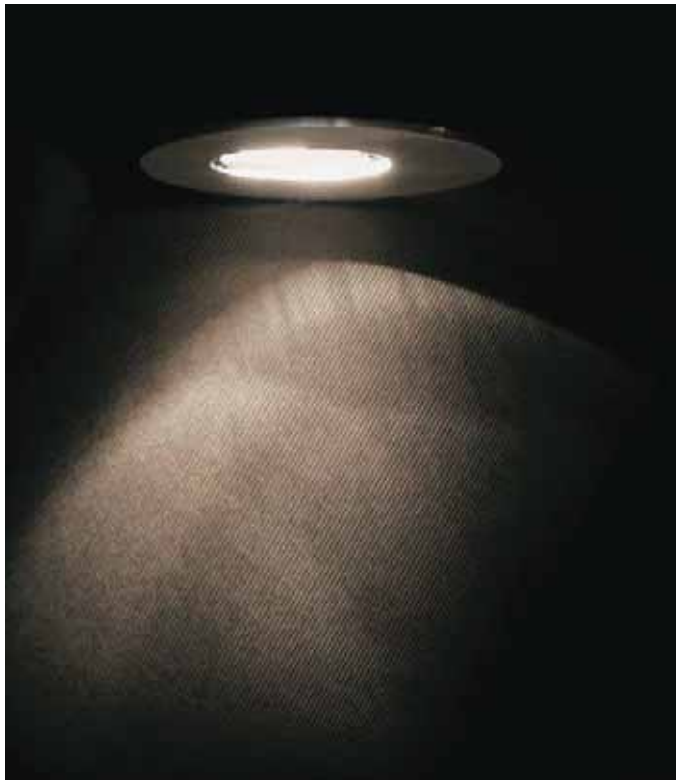
2055 9W 230V GX53



Components

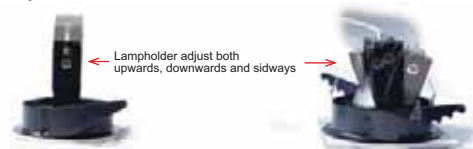


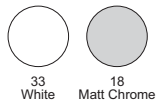
code details
Compact fluorescent lamp
LA/6607/13



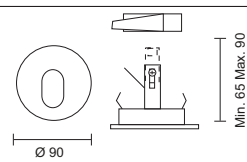
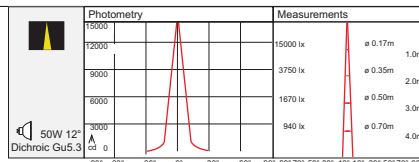
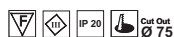
- Anti-glare downlights
- Body in metal
- Adjustable lampholder (fig. 1)
- Requires remote transformer
- Can be installed on normally flammable surfaces
- Class 3
- IP20

Fig. 1

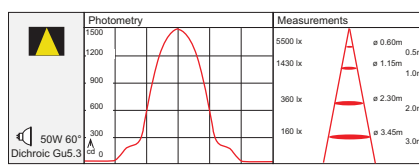
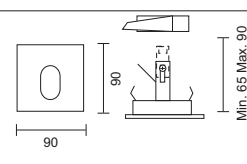
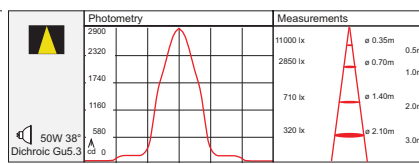




code lamp details
Round
TC30 50W 12V Gu5.3
 Remote transformer required



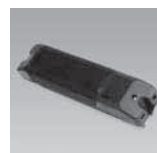
code lamp details
Square
TC40 50W 12V Gu5.3
 Remote transformer required



Accessories



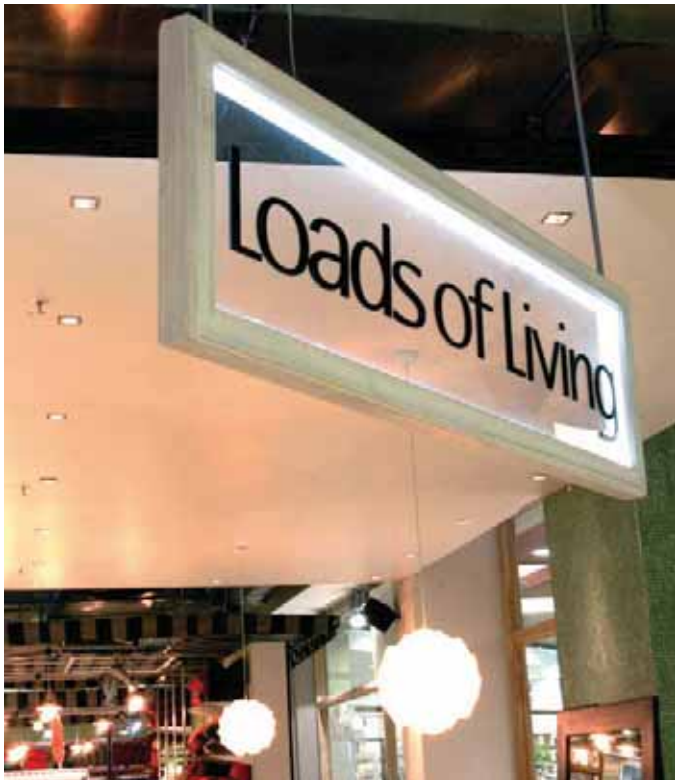
code details weight
STR 50 dimmable safety transformer
7301 50VA 750grms
 See transformers, gears and accessories




code details weight
TLC dimmable safety transformer
7303 50VA 1080grms
 See transformers, gears and accessories




code details weight
Precise dimmable electronic transformer
7373 20-50VA 70.4grms
 See transformers, gears and accessories

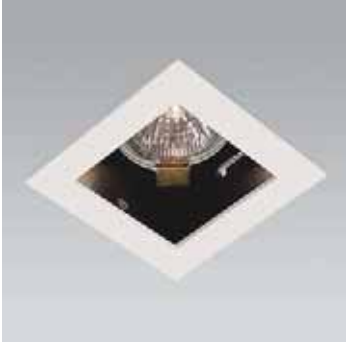






- Anti-glare downlight range
- Body and ring in metal
- The ring is powder coated
- Versatile downlights with various tilt options
- Requires remote transformer
- Can be installed on normally flammable surfaces
- Class 3
- IP20

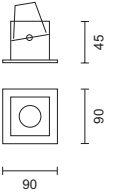
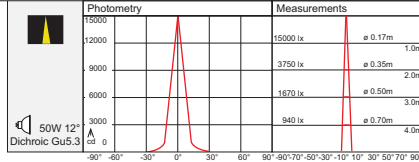
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


31
White
2350
2359
- 

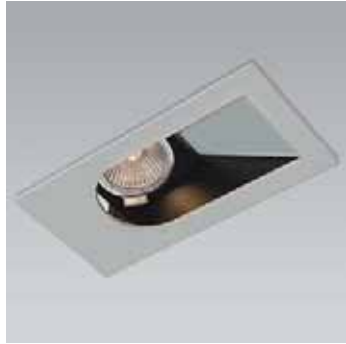
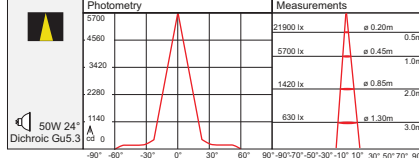
20
European
Grey







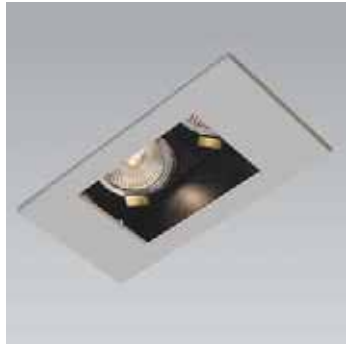
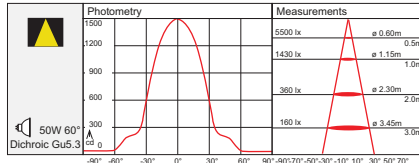
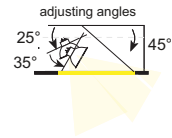
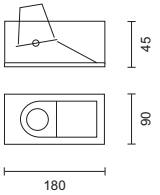
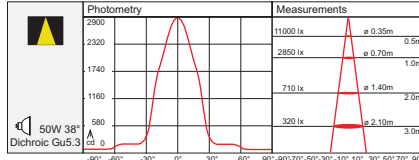
code lamp details
Tilting 1 light
2350 50W 12V Gu5.3
 Requires remote transformer










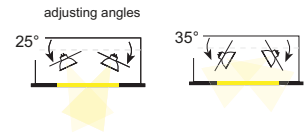
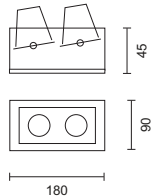
Tilting 1 light new option
2350.2 50W 12V Gu5.3
 Requires remote transformer










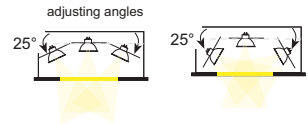
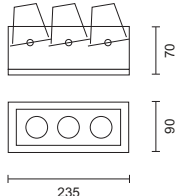
code lamp details
Tilting 1 light wall washer
2351 50W 12V Gu5.3
 Requires remote transformer







code lamp details
Tilting 2 light
2359 2 x 50W 12V Gu5.3
 Requires remote transformer






code lamp details
Tilting 3 light
2353 3 x 50W 12V Gu5.3
 Requires remote transformer






Accessories



code	details	weight
STR 50	dimmable safety transformer	
7301	50VA	750grms

See transformers, gears and accessories



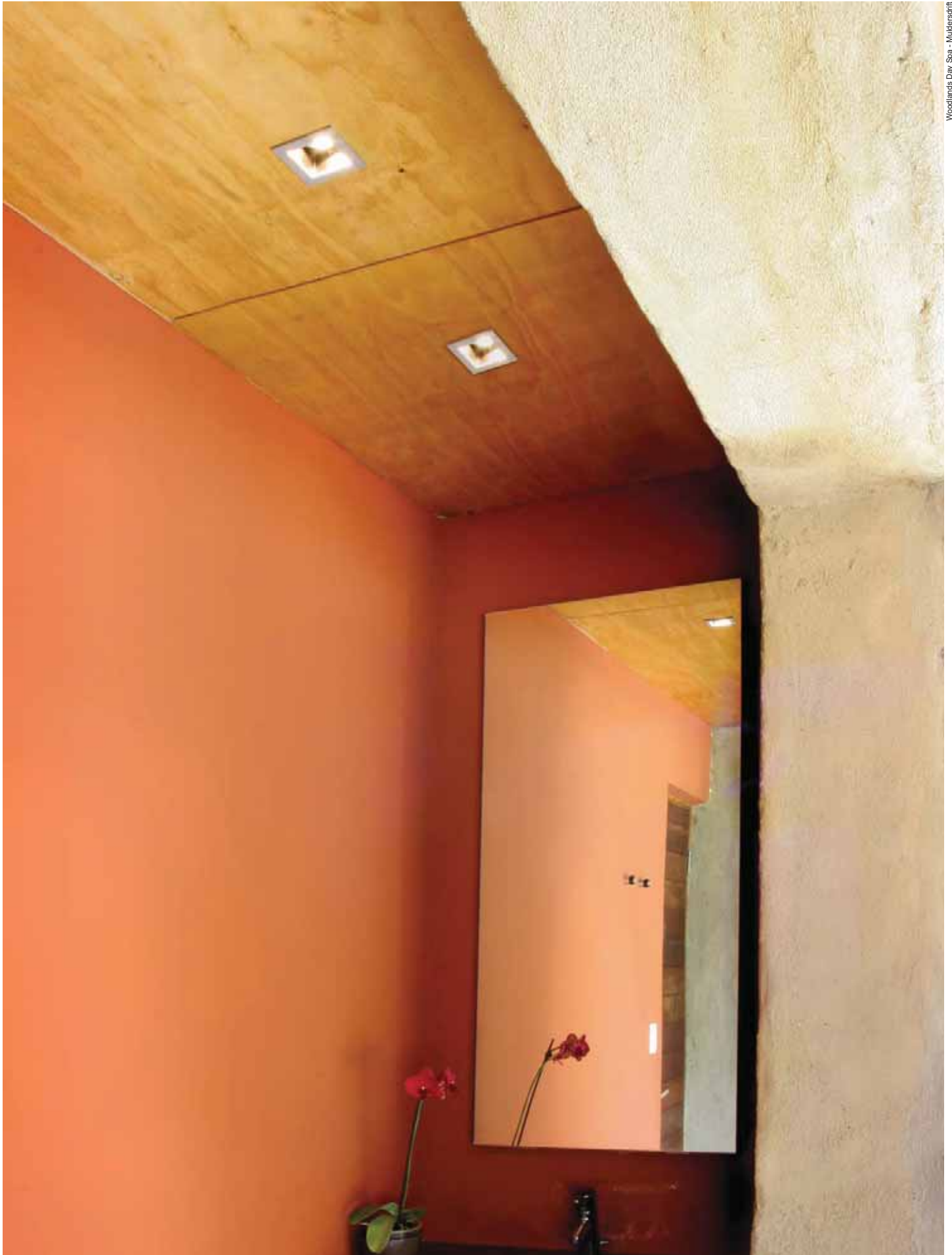
code	details	weight
Precise	dimmable electronic transformer	
7373	20-50VA	70.4grms

See transformers, gears and accessories



code	details	weight
TLC	dimmable safety transformer	
7303	50VA	1080grms

See transformers, gears and accessories





- Technical downlights
- Body and ring in die-cast aluminium
- Low glare
- High performance reflector in aluminium
- Safety glass diffuser
- Remote transformer required
- Can be installed on normally flammable surfaces
- Class 3
- IP 20

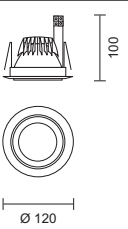
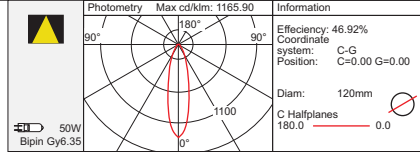
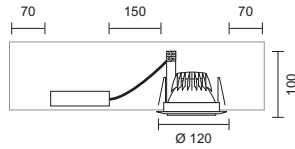
Fig. 1 - Lamp Maintenance





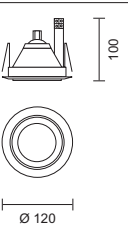
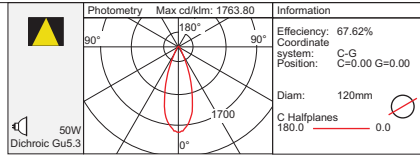
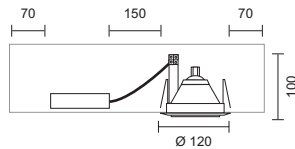
code lamp details
 Low glare downlight for 50W bipin lamps. Cut off of 50° (L<200cd/m2)

1700 50W 12V Gy6.35
 Remote transformer required



code lamp details
 Low glare downlight for 50W dichroic lamps. Cut off of 60° (L<200cd/m2)

1720 50W 12V Gu5.3
 Remote transformer required



Accessories



code details weight
STR 50 dimmable safety transformer
7301 50VA 750grms
 See transformers, gears and accessories



code details weight
Precise electronic dimmable transformer
7373 20-50VA 70.4grms
 See transformers, gears and accessories



code details weight
TLC dimmable safety transformer
7303 50VA 1080grms
 See transformers, gears and accessories



- Splashproof downlight
- Body is made in die-cast aluminium with frosted glass twist off diffuser (fig. 1)
- Sealed with silicone gasket
- Adjustable clips by means of screw mechanism (fig. 2)
- Can be used with both 50W 12V and 230V dichroics (accessory required)
- Remote transformer required on 12V version
- Can be installed on normally flammable surfaces
- Class 3
- IP 65

Fig. 1





Fig. 2

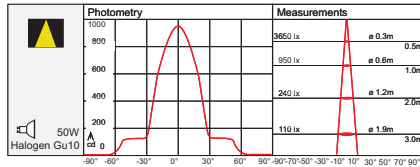
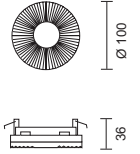
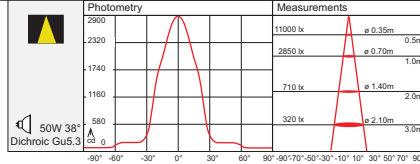




31
White



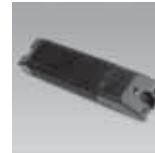
code lamp details
Splashproof downlight
2475/31 50W 12V Gu5.3
 Remote transformer required




 Cut-Out
 ø 80



Accessories



code details weight
STR 50 Dimmable safety transformer
7301 50VA 750grms
 See transformers, gears and accessories



code details weight
TLC Dimmable safety transformer
7303 50VA 1080grms
 See transformers, gears and accessories



code details weight
Precise dimmable electronic transformer
7373 20-60VA 70.4grms
 See transformers, gears and accessories



code details
Conversion kit for converting to Gu10
869001 Universal connection



- Recessed splashproof downlight
- Body and base in 316 stainless steel
- Sealed with a rubber gasket (fig. 1)
- Available in both 12V and 230V versions
- Easy lamp maintenance with a twist off cover (fig.2)
- Remote transformer required on 12V version
- Can be installed on normally flammable surfaces
- Class 3 on 12V
- Class 1 on 230V
- IP 44

Fig. 1 - Rubber Gasket



Fig. 2 - Lamp Maintenance



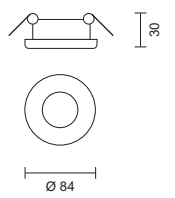
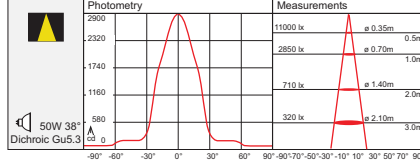


48
316
Stainless
Steel



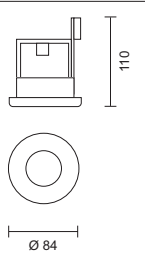
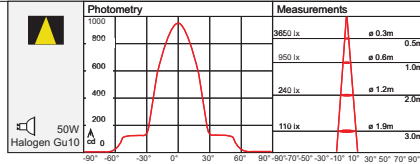
code lamp details
12V option
2301 50W 12V Gu5.3
Remote transformer required

 Cut Out
 ø 55



code lamp details
230V option
2302 50W 230V Gu10

 Cut Out
 ø 55



Accessories



code details weight
STR 50 Dimmable Safety transformer
7301 50VA 750grms
See transformers, gears and accessories



code details weight
TLC Dimmable safety transformer
7303 50VA 1080grms
See transformers, gears and accessories



code details weight
Precise dimmable electronic transformer
7373 20-50VA 70.4grms
See transformers, gears and accessories



fig. 1a

fig. 1b



DOWNLIGHTS







- Range of industry standard basic downlighters for 12V and 230V installations
- The Basic range now includes a range of steel bodied **bayonet lock** downlights (Fig.1a, b), available in white and matt chrome for both 230V and 12V sources.
- Wide range of applications
- Body and base in die-cast aluminium and steel
- Galvanised steel lamp fastening system - 316 stainless steel available on request
- Remote transformer required on 12V versions only
- Can be installed on normally flammable surfaces
- IP 20

ALUMINIUM STARLIGHTS





- Recessed low voltage starlight
- Body in die-cast aluminium
- Remote transformer required
- Can be installed on normally flammable surfaces
- Class 3
- IP 20

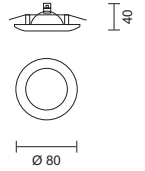
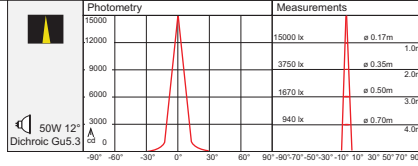
LOW GLARE STARLIGHTS





- A range of recessed low glare starlights
- Pressed steel body
- Uses 20W bipin lamps
- Remote transformer required
- Can be installed on normally flammable surfaces
- Class 3
- IP 20

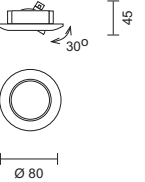
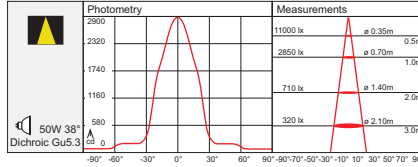
					
10 Gold	11 Chrome	12 Gun Metal	18 Matt Chrome	30 Black	31 White
1800 2230 2249	1800 2230 2249	2230 2249	1800 2081 2230 2249	2230 2249	1800 2081 2230 2249









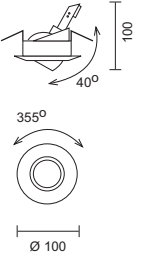
code lamp details
Basic round downlight
2230 50W 12V Gu5.3
 Remote transformer required
    ϕ 60









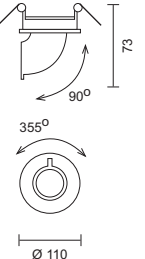
code lamp details
Basic round downlight with tilting action
2249 50W 12V Gu5.3
 Remote transformer required
    ϕ 75

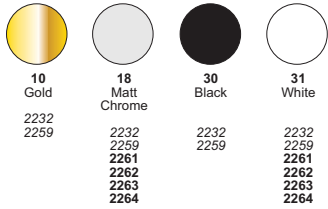


code lamp details
Basic downlight with tilting and swivel action
1800 50W 12V Gu5.3
 Remote transformer required
    ϕ 90  ϕ 40°  355°



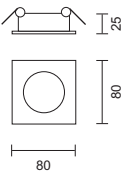
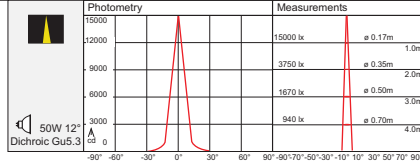
code lamp details
Basic downlight with tilting and swivel action
2081 50W 12V Gu5.3
 Remote transformer required
    ϕ 95  ϕ 90°  355°





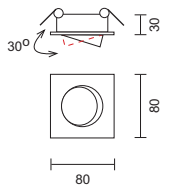
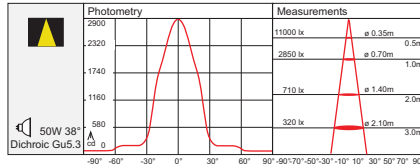
code lamp details
Basic square downlight
2232 50W 12V Gu5.3
 Remote transformer required

 Cut Out \varnothing 60



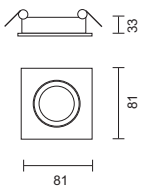
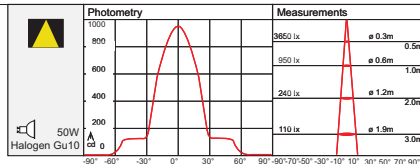
code lamp details
Basic square downlight with tilting action
2259 50W 12V Gu5.3
 Remote transformer required

 Tilt 30° Cut Out \varnothing 75



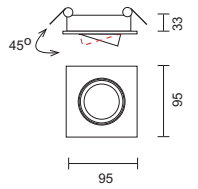
code lamp details
Basic square fixed downlight with bayonet lock system
2263 50W 12V Gu5.3
 Remote transformer required

 Cut Out \varnothing 70



code lamp details
Basic square tilting downlight with bayonet lock system
2261 50W 12V Gu5.3
 Remote transformer required

 Tilt 45° Cut Out \varnothing 78



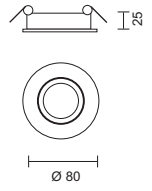
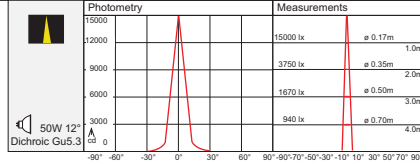
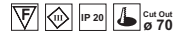
code lamp details
Basic square tilting downlight with bayonet lock system
2262 50W 230V Gu10

 Tilt 45° Cut Out \varnothing 78

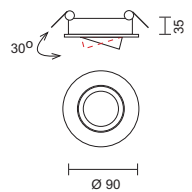
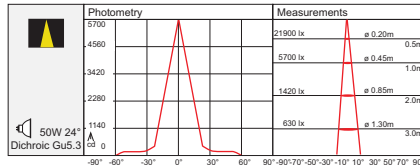
10 Gold	11 Chrome	18 Matt Chrome	31 White
5030 5049	2265 2266 5030 5049	2265 2266 5030 5049	2265 2266 5030 5049



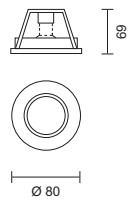
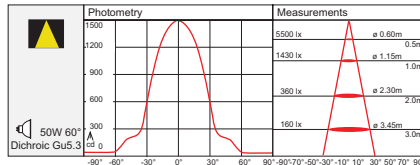
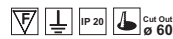
code lamp details
Basic round fixed downlight with bayonet lock system
2265 50W 12V Gu5.3
 Remote transformer required



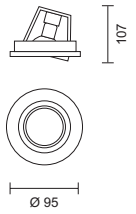
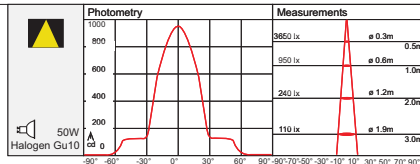
code lamp details
Basic round tilt downlight with bayonet lock system
2266 50W 12V Gu5.3
 Remote transformer required








code lamp details
Basic round 230V downlight
5030 50W 230V Gu10



code lamp details
Basic round 230V downlight with tilting action
5049 50W 230V Gu10



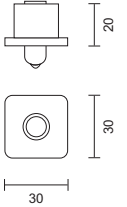
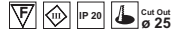
				
10 Gold	11 Chrome	18 Matt Chrome	31 White	51 European Grey
2236 1360 2074	2234 1360 2074	2234 2236 1360 2074	2234 2236 1360 2074	2234



code lamp details
Square starlight in aluminium

2234 20W 12V G4

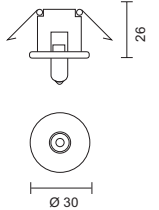
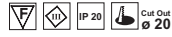
Remote transformer required



code lamp details
Round starlight in aluminium

2236 20W 12V G4

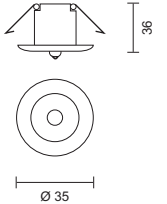
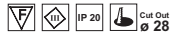
Remote transformer required



code lamp details
Recessed starlight in steel

1360 20W 12V G4

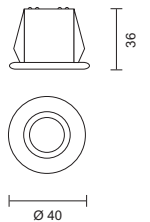
Remote transformer required



code lamp details
**Recessed starlight in steel with
 aluminium reflector**

2074 20W 12V G4

Remote transformer required



Accessories



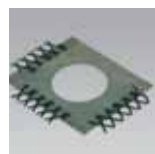
code	details	weight
STR 50	dimmable safety transformer	
7301	50VA	750grms

See transformers, gears and accessories



code	details	weight
Precise	dimmable electronic transformer	
7373	20-50VA	70.4grms

See transformers, gears and accessories



code	details
Box cut out	used together with the concrete box for insertion into concrete
Boxcut/60	Diam. 60 cut out
Boxcut/75	Diam. 75 cut out
Boxcut/80	Diam. 80 cut out
Boxcut/90	Diam. 90 cut out
Boxcut/95	Diam. 95 cut out

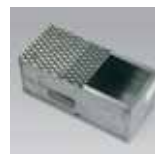


code	details	weight
TLC	dimmable safety transformer	
7303	50VA	1080grms

See transformers, gears and accessories



code	details
Conversion kit	for converting to Gu10
86901	Universal connection



code	details
Concrete Box	used together with the BOX cut out for insertion into concrete
Box 1	(L)250 x (W)146 x (H)122



- Decorative high power LED light that utilises the OSRAM® Golden Dragon LED
- The total wattage of the LED is 2W
- The life span of the OSRAM® Golden Dragon LED is 50000 hrs due to its special resin makeup and has a high energy saving level
- The DJ is made of translucent injection molded polycarbonate combined with an aluminium dissipater
- The lens is made in polycarbonate
- The DJ requires a DC Led Ballast with a 500mA constant current
- A 500mA 12W ballast supplies 6 fittings connected in series with maximum distance of 30m from ballast (fig.1)
- Can be installed on normally flammable surfaces
- Class 3
- IP 44/20 -The protection degree is considered only for installation

in a false ceiling with closed surfaces (fig.2)

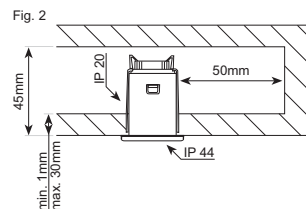
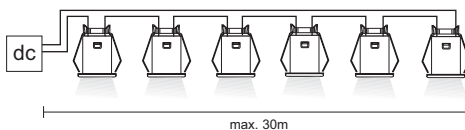


Fig. 1

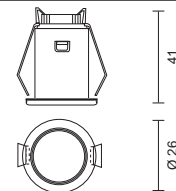
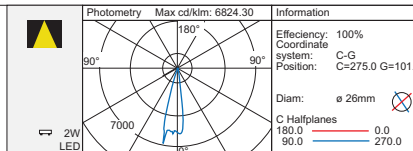
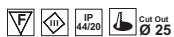




White



code lamp details
LED lamp in polycarbonate
2400/31 2W DC
 Remote DC LED Ballast required
 OSRAM Golden Dragon® led lamp



Accessories



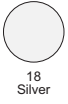
code details
DC Ballast for up to 6 fittings
7320.500 1-12W 500mA
 See transformers, gears and accesssoires



code details
Jolly led driver
7319 350 - 900mA
 See transformers, gears and accesssoires



- LED downlights
- Body in die-cast aluminium
- Available in multi LED (Set) and single LED (Star) options
- Each version is available in either warm white and cool white
- Requires remote LED driver:
350mA for 1.2W LED option
700mA for 2.4W LED option
- Can be installed on normally flammable surfaces
- Class 3
- IP20

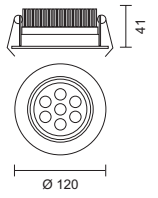


code lamp details

Set 7 led downlight

2295/1 7 x 1.2/2.4W 12V Cool
2295/2 7 x 1.2/2.4W 12V Warm

Remote 350mA or 700mA LED driver required

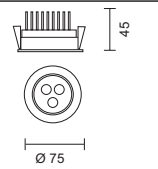


code lamp details

Set 3 led downlight

2294/1 3 x 1.2/2.4W 12V Cool
2294/2 3 x 1.2/2.4W 12V Warm

Remote 350mA or 700mA LED driver required

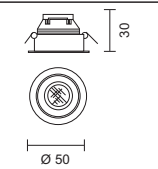


code lamp details

Star tilting anti-glare LED

2293/1 1 x 1.2/2.4W 12V Cool
2293/2 1 x 1.2/2.4W 12V Warm

Remote 350mA or 700mA LED driver required

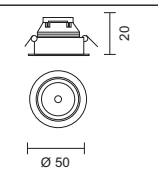


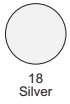
code lamp details

Star tilting LED

2292/1 1 x 1.2/2.4W 12V Cool
2292/2 1 x 1.2/2.4W 12V Warm

Remote 350mA or 700mA LED driver required



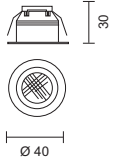
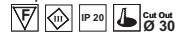


code lamp details

Star fixed anti-glare LED

- 2291/1** 1 x 1.2/2.4W 12V Cool
- 2291/2** 1 x 1.2/2.4W 12V Warm

Remote 350mA or 700mA LED driver required

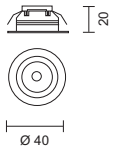


code lamp details

Star fixed LED

- 2290/1** 1 x 1.2/2.4W 12V Cool
- 2290/2** 1 x 1.2/2.4W 12V Warm

Remote 350mA or 700mA LED driver required



Accessories



code details

LED Driver

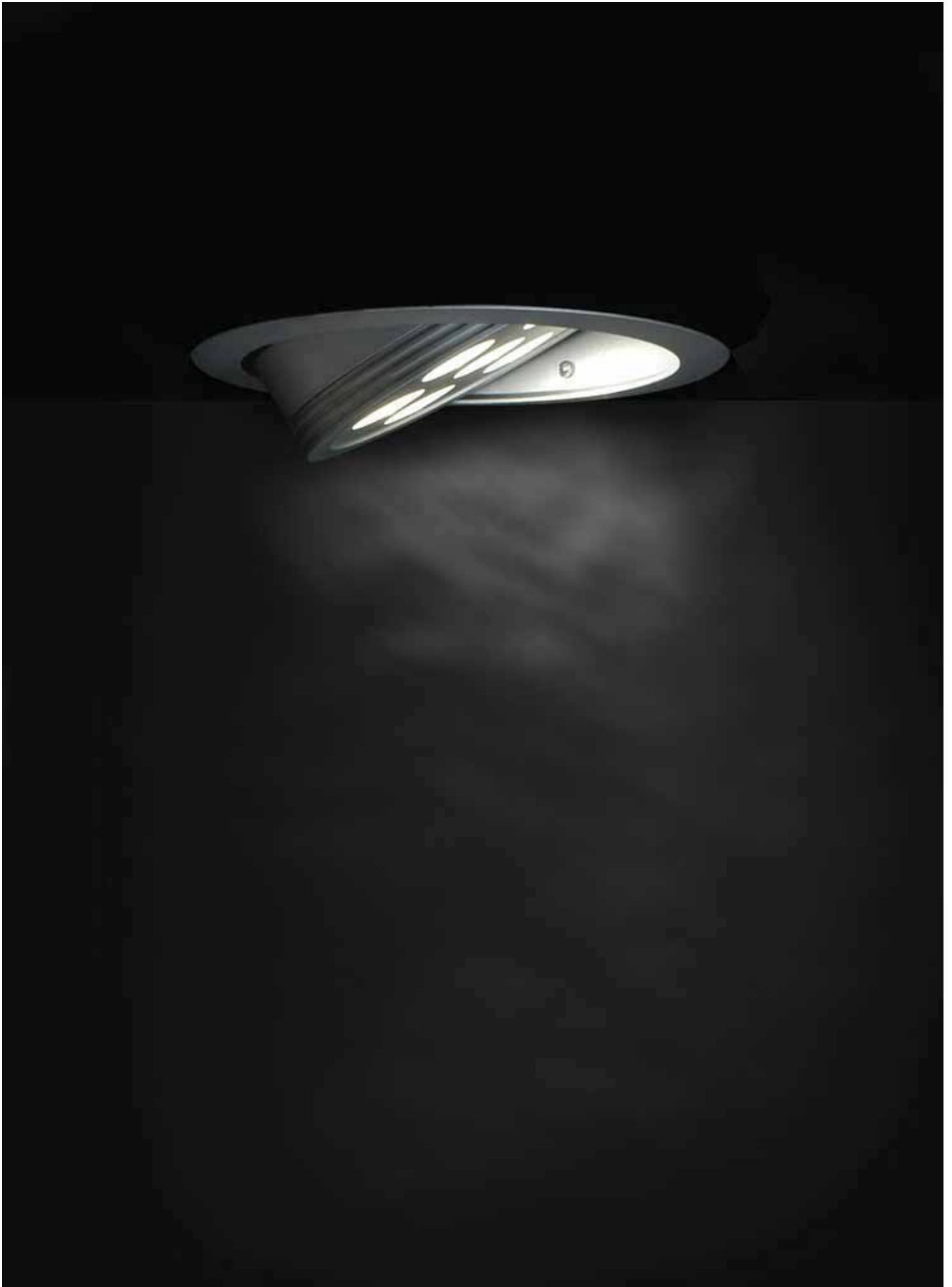
- 7320.350** 1-11W 350mA



code details

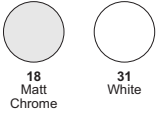
LED Driver

- 7320.700** 1-17W 700mA



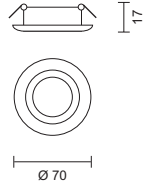


- A range of recessed or surface mount cabinet lights
- Body in metal
- Aluminium reflector
- Remote transformer required
- Can be installed on normally flammable surfaces
- Class 3
- IP 20



code lamp details
Recessed downlight with rounded ring

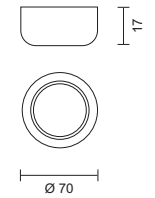
2024 20W 12V G4



code lamp details
Surface mounted downlight

2025 20W 12V G4

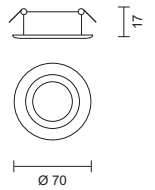
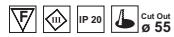
Remote transformer required



code lamp details
Recessed downlight with flat ring

2026 20W 12V G4

Remote transformer required



Accessories



code details weight
STR 50 dimmable safety transformer

7301 50VA 750grms

See transformers, gears and accessories



code details weight
Precise electronic dimmable transformer

7373 20-50VA 70.4grms

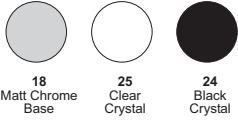
See transformers, gears and accessories



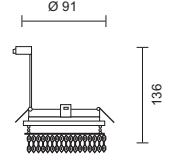
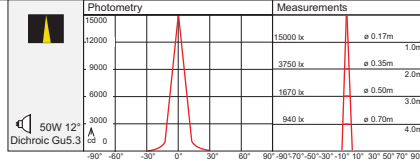
- Recessed and surface mounted low voltage downlights
- The Cristallo dichroic range include a 2 tier hanging crystal fitting
- The bipin Cristallo downlights have a die-cast aluminium body with a decorative crystal shade
- Remote transformer required
- Can be installed on normally flammable surfaces
- Class 3
- IP 20

FINESSE

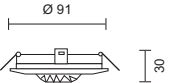
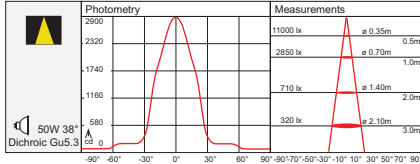
- Surface mounted crystal downlight
- Turned aluminium body/base
- Utilises a halogen G9 lamp
- No transformer required
- Includes mounting screws
- Can be installed on normally flammable surfaces
- Class 1
- IP 20



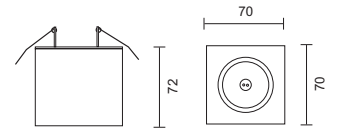
code lamp details
2463.18.25 50W 12V Gu5.3
 Remote transformer required
 \varnothing 70



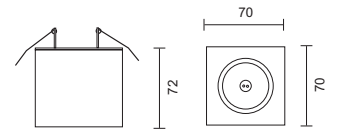
code lamp details
2465.18.25 50W 12V Gu5.3
 Remote transformer required
 \varnothing 70

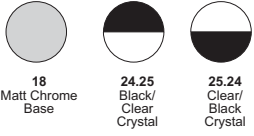


code lamp details
2464.4.25 20W 12V G4
 Remote transformer required
 \varnothing 55



code lamp details
2464.3.24 20W 12V G4
 Remote transformer required
 \varnothing 55





18
Matt Chrome
Base

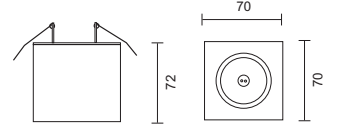
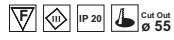
24.25
Black/
Clear
Crystal

25.24
Clear/
Black
Crystal



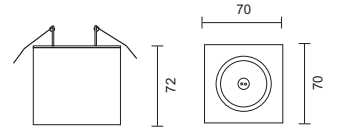
code lamp details
Clear/Black square crystal

2464.2.25.24 20W 12V G4
Remote transformer required



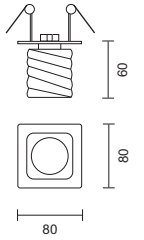
code lamp details
Black/clear square crystal

2464.1.24.25 20W 12V G4
Remote transformer required



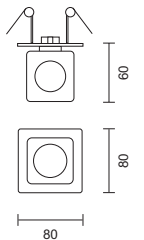
code lamp details
Twist clear crystal with square base

2460/18 20W 12V G4
Remote transformer required



code lamp details
Moon clear crystal with square base

2461/18 20W 12V G4
Remote transformer required

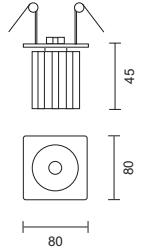
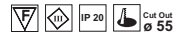




code lamp details
Prism clear crystal with square base

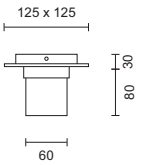
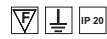
2462/18 20W 12V G4

Remote transformer required



code lamp details
Finesse mounted crystal downlight

8890 25W 230V G9



Accessories



code details weight
STR 50 dimmable safety transformer

7301 50VA 750grms

See transformers, gears and accessories



code details weight
Precise electronic dimmable transformer

7373 20-50VA 70.4grms

See transformers, gears and accessories



PARVUS

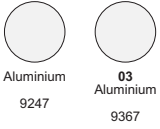
- Surface mounted 12V downlight
- Turned aluminium body
- Includes integral transformer
- Low glare
- Easy maintenance with screw-off face (fig.1)
- Can be installed on normally flammable surfaces
- Class 1
- IP 20

ALHAMBRA

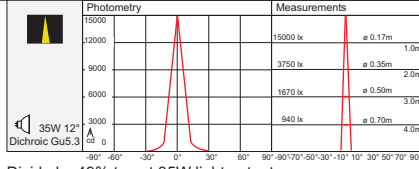
- Surface mounted 230V downlight
- Turned aluminium body
- No transformer required
- Can be installed on normally flammable surfaces
- Class 1
- IP 20

Fig. 1 - Lamp Maintenance

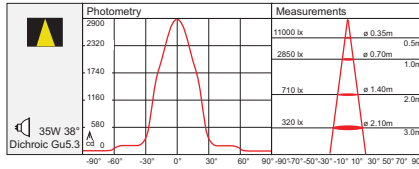
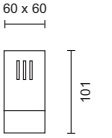
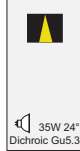




code lamp details
Parvus surface mounted downlight
9247 35W 12V Gu5.3
 Includes integral transformer.



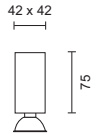
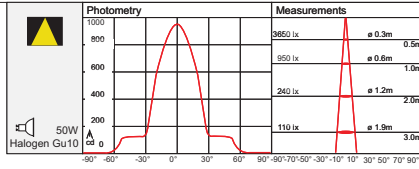
Divide by 49% to get 35W light output



Divide by 53% to get 35W light output



code lamp details
Alhambra surface mounted downlight
9367 50W 230V Gu10





- Surface mounted downlight
- Body in aluminium
- Uses 230V dichroic lamps
- No transformer required
- Available in various lamp configurations
- Tilting and swivel action
- Easy lamp maintenance (fig.1)
- Can be installed on normally flammable surfaces
- Class 1
- IP 20

Fig. 1 - Lamp Maintenance

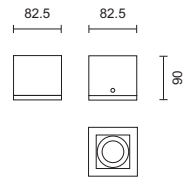
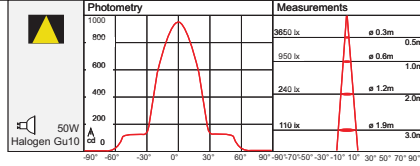




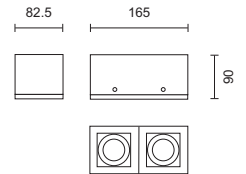
Aluminium



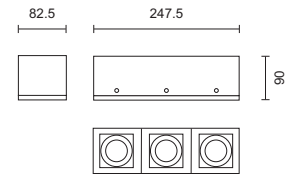
code lamp details
1 Light surface downlight
9272.1 50W 230V Gu10



code lamp details
2 Light surface downlight
9272.2 2 x 50W 230V Gu10



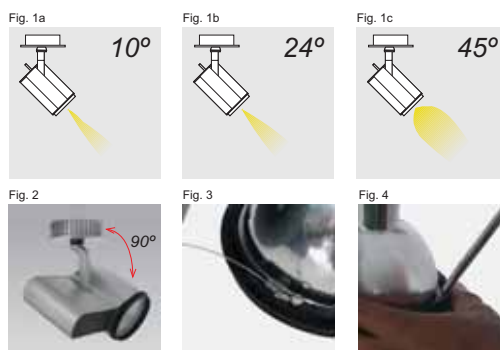
code lamp details
3 Light surface downlight
9272.3 3 x 50W 230V Gu10

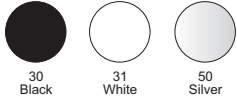




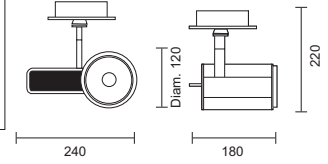
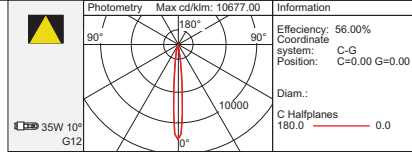
Paco Carpets - Grenside

- Metal halide adjustable spot
- Includes integral electronic MH gear
- Utilises 35-70W G12 lamps
- Suitable for both surface mounting and track mounting.
- Accessories include a variety of colour filters and a honeycomb grill.
- The body is made in powder coated die-cast aluminium
- The Jesy is available with three types of reflector 10°, 24° and 45° (fig. 1)
- The tilt angle of the spot is up to 90° (fig. 2).
- Complete with hang cable on reflector for easy lamp changing (fig. 3)
- To replace the lens remove steel clips as illustrated (fig. 4)
- Can be installed on normally flammable surfaces
- Class 1
- IP 20

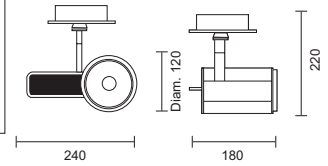
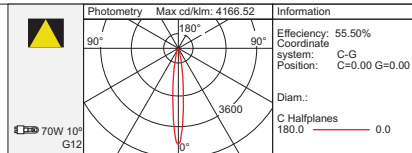




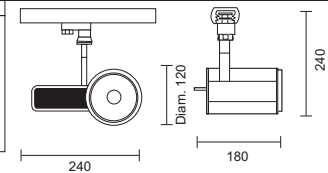
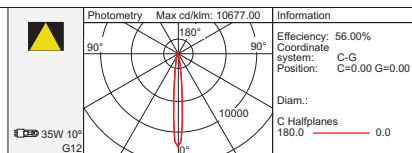
code lamp details
Surface Jesy 35W 10°
4126.35.10 35W 230V G12
 Includes integral electronic MH gear



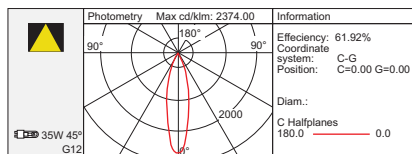
code lamp details
Surface Jesy 70W 10°
4126.70.10 70W 230V G12
 Includes integral electronic MH gear



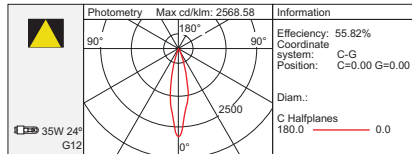
code lamp details
Single phase Jesy 35W 10°
4126.35.10.T1 35W 230V G12
 Includes integral electronic MH gear



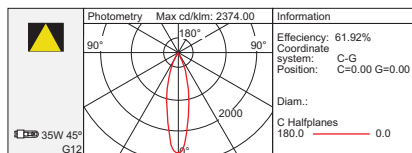
code lamp details
Single phase Jesy 35W 45°
4126.35.45.T1 35W 230V G12
 Includes integral electronic MH gear



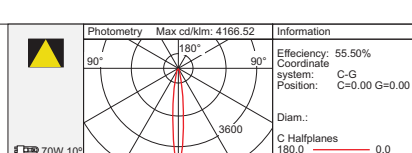
code lamp details
Surface Jesy 35W 24°
4126.35.24 35W 230V G12
 Includes integral electronic MH gear



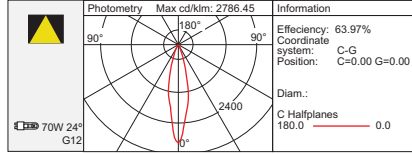
code lamp details
Surface Jesy 35W 45°
4126.35.45 35W 230V G12
 Includes integral electronic MH gear



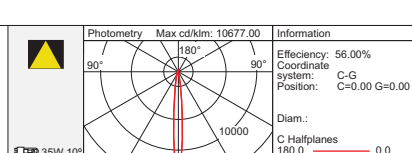
code lamp details
Surface Jesy 70W 24°
4126.70.24 70W 230V G12
 Includes integral electronic MH gear



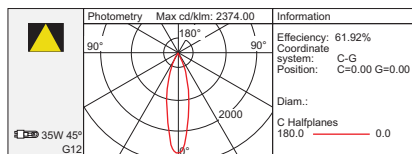
code lamp details
Surface Jesy 70W 45°
4126.70.45 70W 230V G12
 Includes integral electronic MH gear

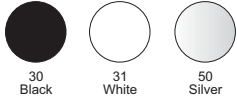


code lamp details
Single phase Jesy 35W 24°
4126.35.24.T1 35W 230V G12
 Includes integral electronic MH gear

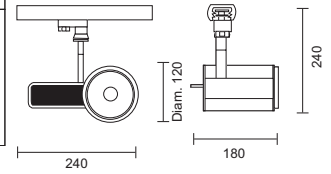
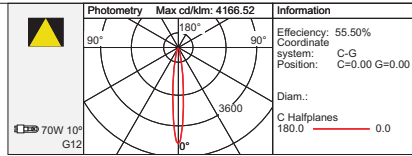


code lamp details
Single phase Jesy 35W 45°
4126.35.45.T1 35W 230V G12
 Includes integral electronic MH gear

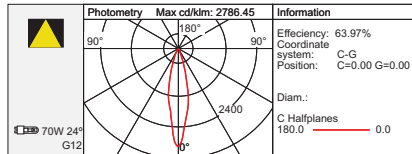




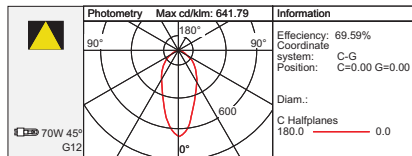
code lamp details
Single phase Jesy 70W 10°
4126.70.10.T1 70W 230V G12
 Includes integral electronic MH gear



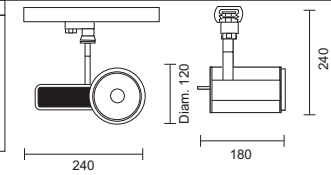
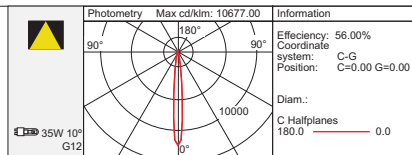
Single phase Jesy 70W 24°
4126.70.24.T1 70W 230V G12
 Includes integral electronic MH gear



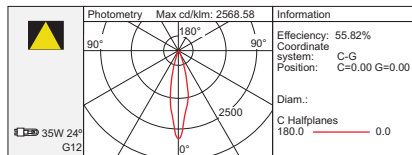
Single phase Jesy 70W 45°
4126.70.45.T1 70W 230V G12
 Includes integral electronic MH gear



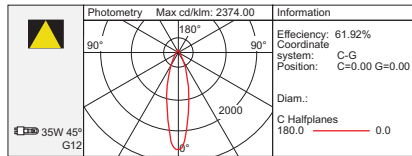
code lamp details
Three phase Jesy 35W 10°
4126.35.10.T2 35W 230V G12
 Includes integral electronic MH gear



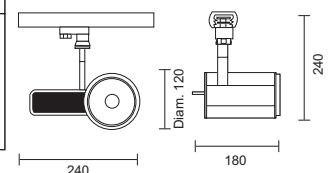
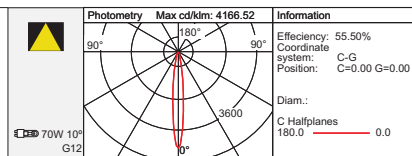
Three phase Jesy 35W 24°
4126.35.24.T2 35W 230V G12
 Includes integral electronic MH gear



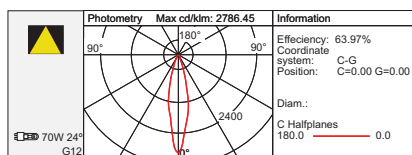
Three phase Jesy 35W 45°
4126.35.45.T2 35W 230V G12
 Includes integral electronic MH gear



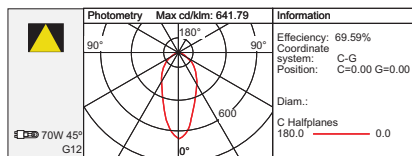
code lamp details
Three phase Jesy 70W 10°
4126.70.10.T2 70W 230V G12
 Includes integral electronic MH gear



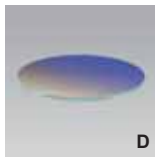
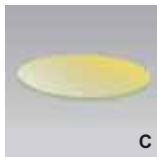
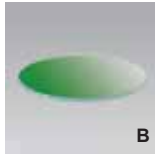
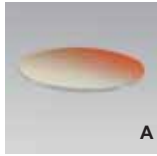
Three phase Jesy 70W 24°
4126.70.24.T2 70W 230V G12
 Includes integral electronic MH gear



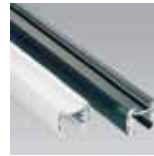
Three phase Jesy 70W 45°
4126.70.45.T2 70W 230V G12
 Includes integral electronic MH gear



Accessories



code	lamp details
Various filters	
A) 4126.RD	Red
B) 4126.GD	Green
C) 4126.YD	Yellow
D) 4126.BD	Blue
E) 4126.HC	Honeycomb Grill



code _____ details _____
Utilises both 3 phase and single phase track
(See track page for details)



- Surface or track mounted adjustable metal halide spotlight for mains voltage
- Body and base made in aluminium
- Use with single ended MH lamps
- Available with either 12° or 45° reflector
- The barn door is sold separately and is easy to install (fig.1)
- Easy lamp maintenance (fig. 2a-c)
- Can be installed on normally flammable surfaces
- Class 1
- IP 20

Fig. 1 - Barn door installation



Fig. 2a



Fig. 2b

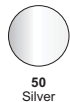


Fig. 2c

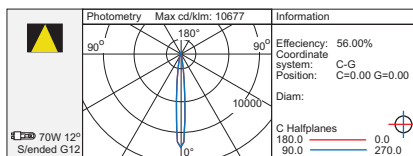
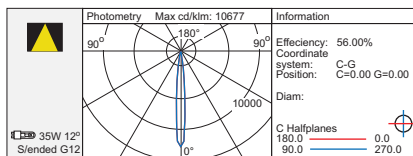
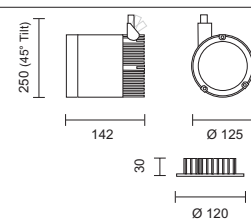
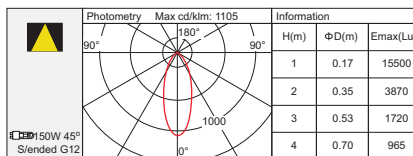
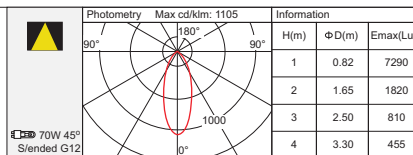


Do not touch lamp directly with your fingers

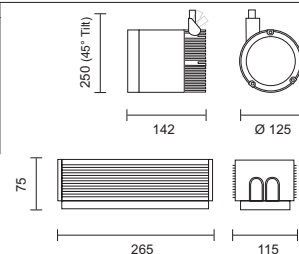
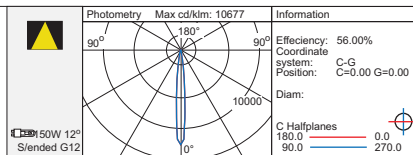
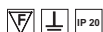




code lamp details
Surface mounted spot, body only
 12° Reflector
4124.12.50 35-150W 230V G12
 45° Reflector
4124.45.50 35-150W 230V G12
 Requires MH control gear



code lamp details
Track mounted spot. Includes gear and gear housing
 12° Reflector
4125.70.12.50 70W 230V G12
 45° Reflector
4125.70.45.50 70W 230V G12
 12° Reflector
4125.150.12.50 150W 230V G12
 45° Reflector
4125.150.45.50 150W 230V G12



Accessories



code details
Barndoors
4119.30 black
4119.31 white
4119.50 silver



code details
 Utilises both 3 phase and single phase track
 (See track page for details)



Pic. n. Pay-GreenStone Mail

- Surface or track mounted adjustable metal halide spotlights for mains voltage
- Body and bracket made in aluminium
- Use with single ended MH lamps, and CDM-R MH lamps
- Comes complete with ceiling bracket
- Adaptors required for track mounting (see accessories)
- The barn door is sold separately and is easy to install (fig.1)
- Twist off system for easy lamp maintenance (fig. 2)
- Can be installed on normally flammable surfaces
- Class 1
- IP 20

Fig. 1 - Barn door installation

Fig. 2 - Lamp maintenance





code lamp details
35W Surface mount
 10° Reflector
4116.35.10 35W 230V G12
 45° Reflector
4116.35.45 35W 230V G12

Includes integral control gear
35W Track mount
 10° Reflector
4116.35.10T 35W 230V G12
 45° Reflector
4116.35.45T 35W 230V G12

Includes integral control gear and track adaptors



70W Surface mount
 10° Reflector
4116.10 35W 230V G12
 45° Reflector
4116.45 35W 230V G12

Includes integral control gear
70W Track mount
 10° Reflector
4116.10T 70W 230V G12
 45° Reflector
4116.45T 70W 230V G12

Includes integral control gear and track adaptors



150W Surface mount
 10° Reflector
4117.10 150W 230V G12
 45° Reflector
4117.45 150W 230V G12

Includes integral control gear
150W Track mount
 10° Reflector
4117.10T 150W 230V G12
 45° Reflector
4117.45T 150W 230V G12

Includes integral control gear and track adaptors

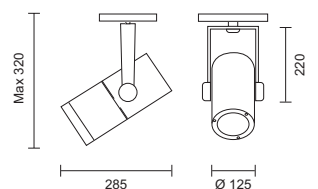
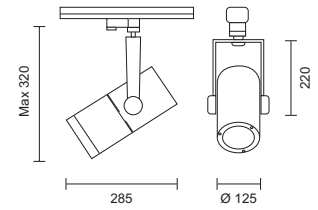
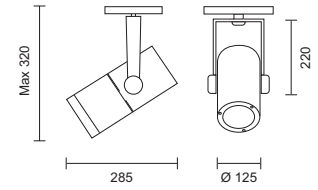
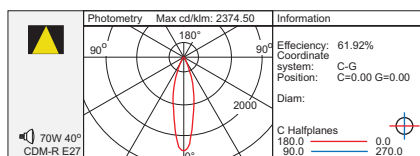
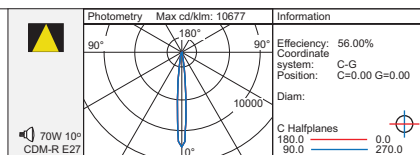
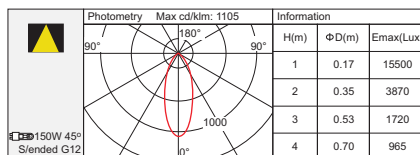
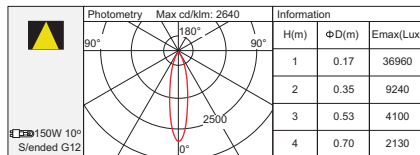
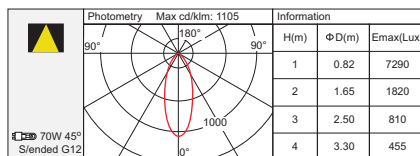
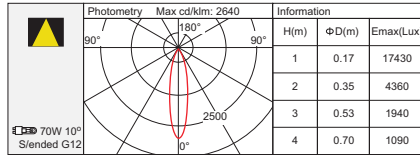
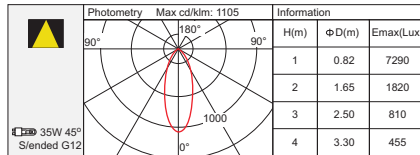
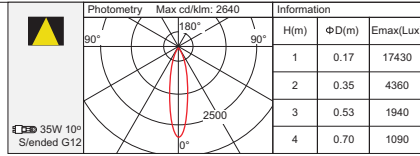


code lamp details
70W CDM-R MH spot
4118 70W 230V E27

35W version available on request
 Includes integral control gear and track adaptors



code details
Barndoors
4119.30 black
4119.31 white
4119.50 silver



Accessories

code details
 Utilises both 3 phase and single phase track
 (See track page for details)





Ghorbani Persian



- Dynamic surface and track mounted spotlights
- Body and base made in aluminium
- Tilting and rotating actions (fig.2)
- Lamp types include; dichroic 12V and 230V and single ended metal halide lamps
- Easy lamp maintenance (fig.1)
- Comes complete with ceiling base
- Can be installed on normally flammable surfaces
- Class 1 and class 3 on LV
- IP 20

Fig. 1 - Lamp Maintenance



Fig. 2





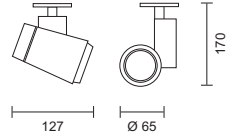
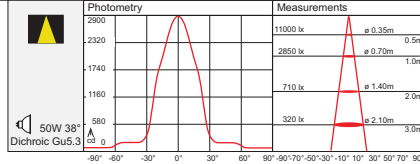
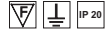
50
Silver



code lamp details
Bella 2 12V Dichroic spotlight

4108 Track 50W 12V Gu5.3
4109 Surface 50W 12V Gu5.3

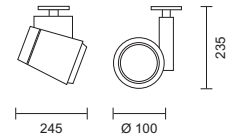
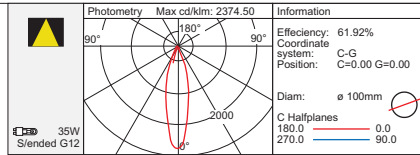
Includes integral transformer and electrical adaptor



code lamp details
Bella 4 35W S/ended MH spotlight

4120 Track 35W 230V G12
4121 Surface 35W 230V G12

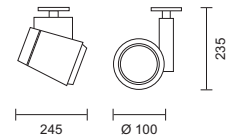
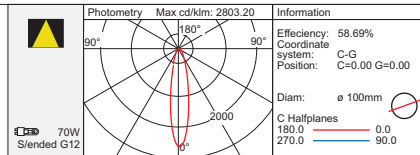
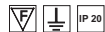
Includes integral electronic control gear and electrical adaptor



code lamp details
Bella 4 70W S/ended MH spotlight

4112 Track 70W 230V G12
4113 Surface 70W 230V G12

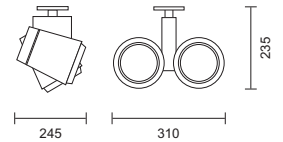
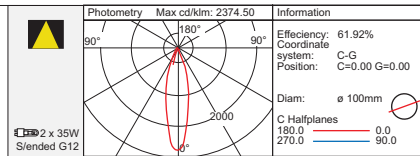
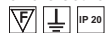
Includes integral electronic control gear and electrical adaptor



code lamp details
Bella 5 35W S/ended MH double spot

4122 Track 2 x 35W 230V G12
4123 Surface 2 x 35W 230V G12

Includes integral electronic control gear and electrical adaptor



Accessories



code details
Utilises both 3 phase and single phase track
(See track page for details)



code details
12° Reflector
4113.R12 (Only for use with S/ended MH versions)



Biliabong - Cresta

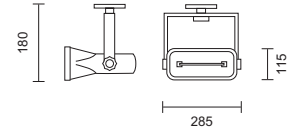
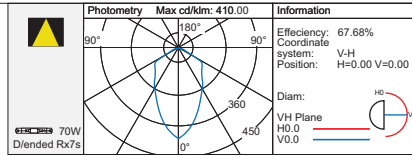
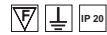


- Metal halide projector for track or surface applications
- Body and base made in powder coated die-cast aluminium with a tempered glass diffuser and aluminium reflector
- Includes integral control gear
- Requires adaptor for track mounting (see accessories)
- Can be installed on normally flammable surfaces
- Class 1
- IP 20

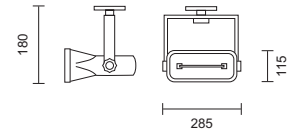
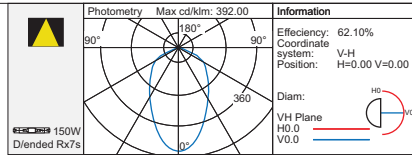
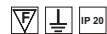




code lamp details
70W Metal halide projector
XX/7107 70W 230V Rx7s

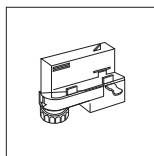


code lamp details
150W Metal halide projector
XX/7115 150W 230V Rx7s

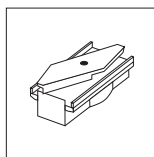


Accessories

3 Phase Track



code details
Electrical adaptor
7601/00/31.2 white
7601/00/30.2 black
7601/00/50.2 silver

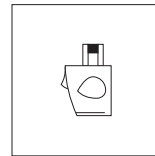


code details
Mechanical adaptor
7625/00/50.2 silver
7625/00/31.2 white
7625/00/30.2 black

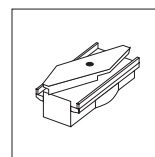


code details
3 Phase track
 (See track page for details)

Single Phase Track



code details
Electrical adaptor
IV/7801-00-31 white
IV/7801-00-30 black



code details
Mechanical adaptor
IV/7825-00-31 white
IV/7825-00-30 black



code details
Single phase track
 (See track page for details)



Verimark

- Metal halide projector
- The body and bracket are die-cast aluminium and epoxy polyester painted
- The reflector is made of 99.9% pure aluminium
- Supplied as a surface mount version, but can be track mounted using necessary accessories
- Includes integral control gear
- Can be installed on normally flammable surfaces
- Class 1
- IP 20



30
Black



31
White

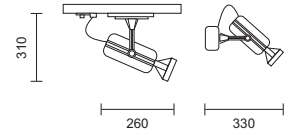
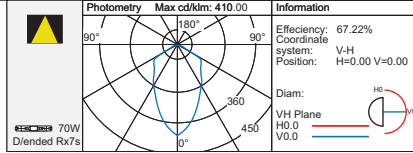


18
Silver



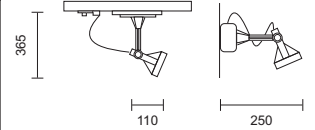
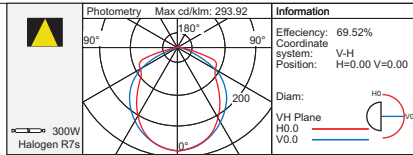
code lamp details
Surface mounted Stage for double ended MH lamps

700/122 70W 230V Rx7s



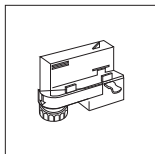
code lamp details
Surface mounted Stage for double ended halogen lamps

704/122 300W 230V R7s

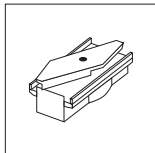


Accessories

3 Phase Track



code details
Electrical adaptor
7601/00/31.2 white
7601/00/30.2 black
7601/00/50.2 silver



code details
Mechanical adaptor
7625/00/50.2 silver
7625/00/31.2 white
7625/00/30.2 black

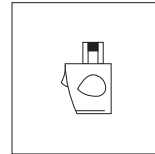


code details
3 Phase track
(See track page for details)

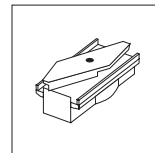


code details
Stage barn doors
7627/00/31 white
7627/00/18 silver

Single Phase Track



code details
Electrical adaptor
IV/7801-00-31 white
IV/7801-00-30 black



code details
Mechanical adaptor
IV/7825-00-31 white
IV/7825-00-30 black



code details
Single phase track
(See track page for details)



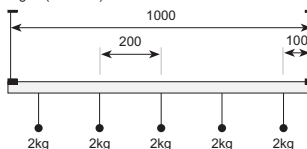
Guess Kids - Sanifon

- Electrified tracks for positioning spotlights precisely where desired
- Tracks made in extruded aluminium alloy
- Copper conducting wires situated inside PVC extruded profiles with high insulating properties
- Accessories available for electrical, mechanical and earthing continuity
- Can be installed on normally flammable surfaces
- Class 1
- IP 20
- Available in two versions:

3 PHASE TRACK

- Connection to the mains voltage (230V) or industrial mains voltage (380V) allows an overall load of 16A (see circuits)
- Able to withstand a 2kg load every 200mm, with a maximum distance of 1000mm between fixing points (fig.1)
- Available in three lengths

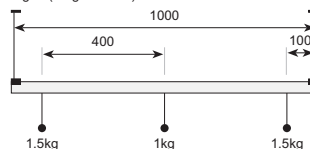
Fig. 1 (3-Phase)

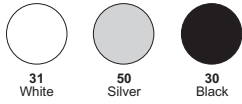


SINGLE PHASE TRACK

- Connection to the mains voltage (230V) allows an overall load of 16A (see circuits)
- Able to withstand a 4kg load every 1000mm, with a maximum distance of 1000mm between fixing points (fig.2)
- Available in two lengths

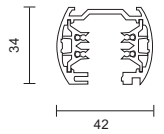
Fig. 2 (Single Phase)



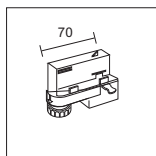


code details
3 Phase track for three circuits

- 7501-10** 1000mm
- 7501-20** 2000mm
- 7501-30** 3000mm

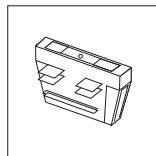


Accessories



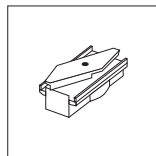
code details
Mechanical/Electrical adaptor

- 7601/00/50.2** silver
- 7601/00/31.2** white
- 7601/00/30.2** black



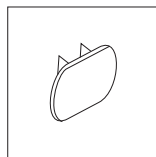
code details
Electrical straight joint

- 7604/10/50.2** silver
- 7604/10/31.2** white
- 7604/10/30.2** black



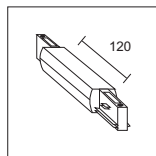
code details
Mechanical adaptor

- 7625/00/50.2** silver
- 7625/00/31.2** white
- 7625/00/30.2** black



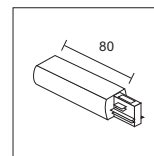
code details
Dead end

- 7623/00/50.2** silver
- 7623/00/31.2** white
- 7623/00/30.2** black



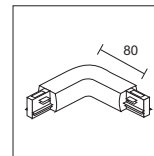
code details
Central connector and straight joint

- 7603/10/50.2** silver
- 7603/10/31.2** white
- 7603/10/30.2** black



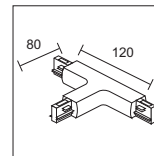
code details
Live end

- 7602/10/50.2** silver
- 7602/10/31.2** white
- 7602/10/30.2** black



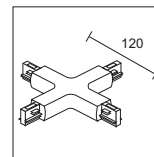
code details
90° bend

- 7605/10/31.2** white
- 7605/10/50.2** silver



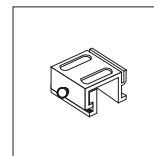
code details
T Joint

- 7621/10/31.2** white
- 7621/10/50.2** silver



code details
X Joint

- 7622/10/31.2** white
- 7622/10/50.2** silver



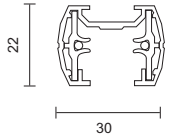
code details
Ceiling kit

- 7607/00/31** white

31
White30
Black

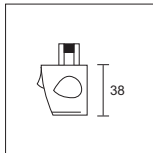
code details

Single Phase track for single circuits

IV/7701-10 1000mm
IV/7701-20 2000mm

Accessories

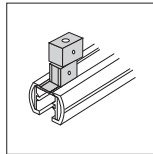
code details



Mechanical/Electrical adaptor

IV/7801-00-31 white
IV/7801-00-30 black

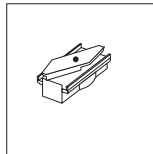
code details



Wall kit pair

IV/7807-02-31 white
IV/7807-02-30 black

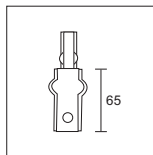
code details



Mechanical adaptor

IV/7825-00-31 white
IV/7825-00-30 black

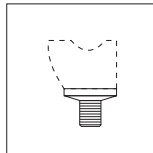
code details



Live end connector

IV/7802-00-31 white
IV/7802-00-30 black

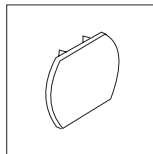
code details



Nut for elect./mech. adaptor M10x1

IV/7809-00-31 white
IV/7809-00-30 black

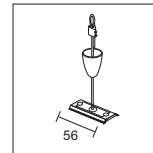
code details



End cap

IV/7823-00-31 white
IV/7823-00-30 black

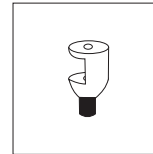
code details



Suspension kit

IV/7806-00-31 white
IV/7806-00-30 black

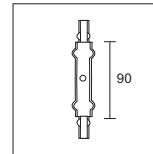
code details



Nut for mech. adaptor M10x1

IV/7808-00-31 white
IV/7808-00-30 black

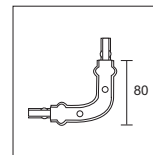
code details



Central connector

IV/7803-00-31 white
IV/7803-00-30 black

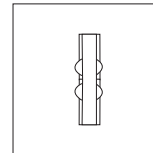
code details



L Joint

IV/7805-00-31 white
IV/7805-00-30 black

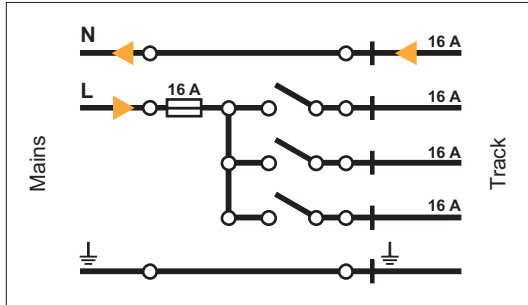
code details



Straight joint

IV/7804-00-31 white
IV/7804-00-30 black

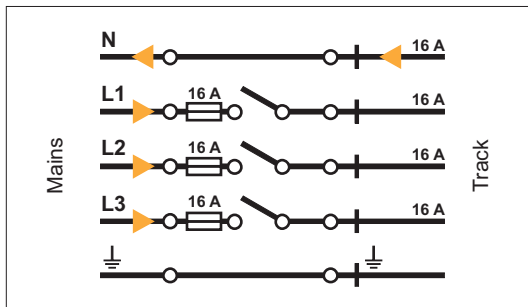
Circuit Diagrams



details

3 Phase track connected to one-phase mains (230V/250V)

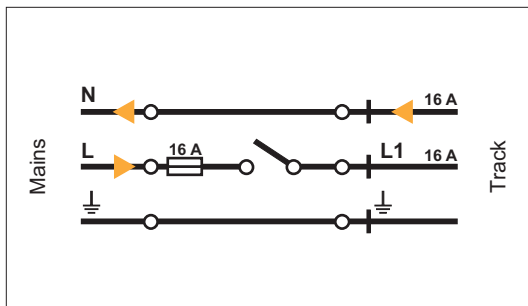
This connection allows an overall load of 16A corresponding to 3680/4000 watts, which can be divided among the three circuits depending on wiring configuration (3x1226.6/1333.3)



details

3 Phase track connected to 3-phase mains (230V/440V)

This connection allows an overall load of 16A corresponding to 11040 watts, which can be divided among the three circuits depending on wiring configuration (3x3680)



details

Single Phase track connected to one-phase mains (230V/250V)

This connection allows an overall load of 16A corresponding to 3680/4000 watts



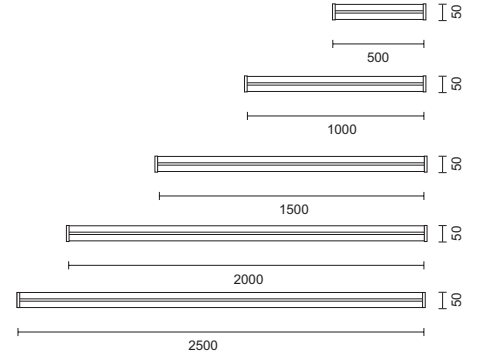
- Low voltage fixed spotlight system for surface
- Can be connected in series
- Body and base made in extruded aluminium
- Available in four versions and five lengths ranging from 500mm with twin spots to 2500mm with 5 spots
- Can be installed on normally flammable surface
- Class 1
- IP 20



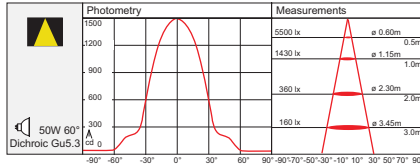
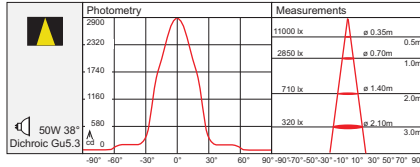
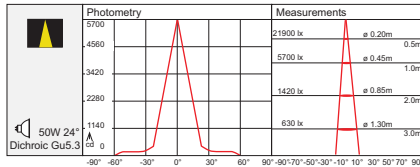
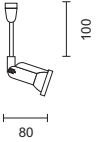
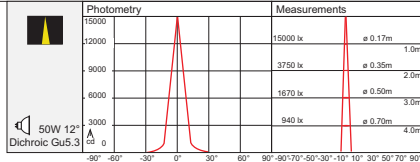


code details
 Unibar available in various lengths

- 3905/2** 500mm for 2 spots
- 3910/2** 1000mm for 2 spots
- 3910/3** 1000mm for 3 spots
- 3915/4** 1500mm for 4 spots
- 3920/2** 2000mm for 2 spots
- 3920/4** 2000mm for 4 spots
- 3920/5** 2500mm for 5 spots



code lamp details
 Spot for Unibar with 10cm stem
6123/10 50W 12V Gu5.3





Woodlands Day Spa - Muldersdrift

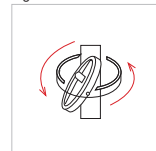


- Adjustable low voltage AR111 surface mounted spotlights
- Body and base made in turned aluminium
- Available in one and two light versions
- Easy lamp maintenance with retaining ring (fig.1)
- Tilting and swivel actions (fig.2)
- Includes transformer
- Can be installed on normally flammable surfaces
- Class 1
- IP 20

Fig. 1



Fig. 2





03
Aluminium

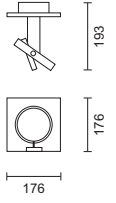
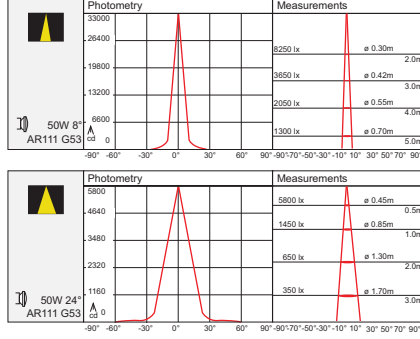


code lamp details

1 Light spot

9360 50W 12V G53

Includes integral transformer

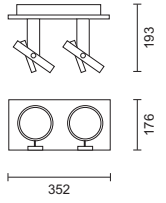
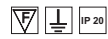


code lamp details

2 Light spot

9361 50W 12V G53

Includes integral transformer





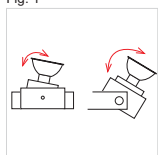
FRESH AND FRISK

- Small surface mounted spotlight for interior and exterior use (see exterior)
- Body and base made in aluminium
- Tilting action
- Easy lamp maintenance with screw off covering ring
- Can be installed on normally flammable surfaces
- Class 1
- IP 44

INTERLUDE



- Small surface mounted spotlight
- Body and base made in turned aluminium
- Tilting and swivel actions (fig.1)
- Available in a round and square version
- Can be installed on normally flammable surfaces
- Class 1
- IP 20

Fig. 1



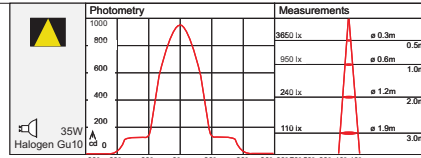
design by Spazio

SPAZIO

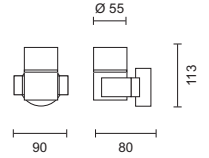
-  Natural Anodised
9239
9256
-  Aluminium
9330
9331



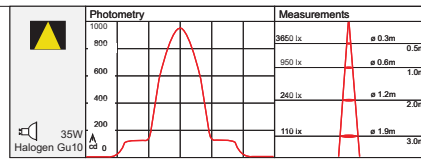
code lamp details
Fresh aluminium tilting spotlight
9239 35W 230V Gu10



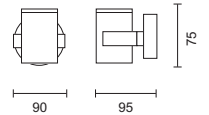
Divide by 37% to get 35W light output



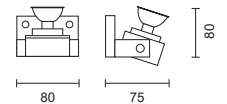
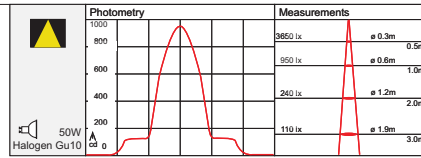
code lamp details
Frisk all over aluminium tilting spotlight
9256 35W 230V Gu10



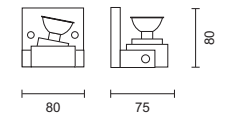
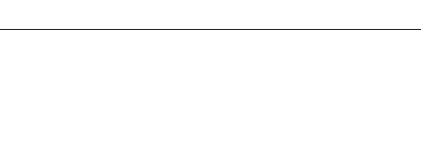
Divide by 37% to get 35W light output



code lamp details
Interlude round surface spotlight
9331 50W 230V Gu10



code lamp details
Interlude Square surface spotlight
9330 50W 230V Gu10





MASO

- Adjustable low voltage surface mounted spotlights
- Body and base made in aluminium
- Tilting, swivel and rotating actions (fig.1)
- Includes transformer
- Can be installed on normally flammable surfaces
- Class 3
- IP 20
- 12V only

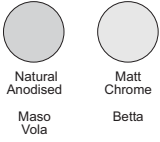
VOLA

- Adjustable low voltage surface mounted spotlights
- Body and base made in aluminium
- Available in one light four light linear versions
- Tilting and swivel actions (fig.1)
- Includes transformer
- Can be installed on normally flammable surfaces
- Class 3
- IP 20
- 12V only

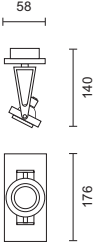
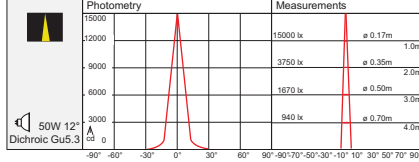
Fig. 1

Tilting Action

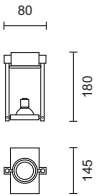
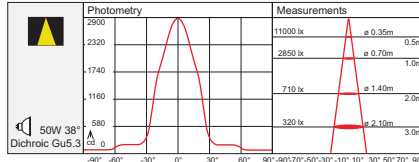




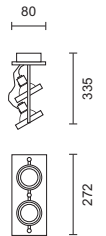
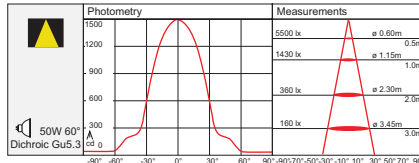
code lamp details
Maso 1 Light
9270 50W 12V Gu5.3
 Includes integral transformer



code lamp details
Vola 1 Light
9268 50W 12V Gu5.3
 Includes integral transformer



code lamp details
Vola 4 Light
9365 4 x 50W 12V Gu5.3
 Includes integral transformer





- High powered surface mounted LED spotlight with narrow beam
- Body and base made in powder coated metal with the lamp housing in powder coated aluminium
- Tilting head action (fig.1)
- Betta LED has a very long lifespan (>20 000 hrs)
- Includes; plug housing, (fig.2) washer and M8 nut for installation
- During installation observe the correct polarity and marks on both the wires and plug housing as incorrect wiring can lead to damage of lamp and fitting
- Easy installation (fig.3)
- Can be installed on normally flammable surface
- Class 3
- IP 20

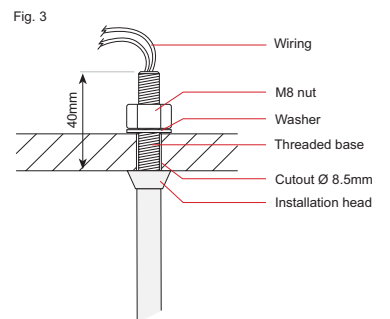


Fig.1 (Tilting Action)

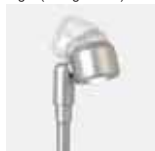


Fig.2





Silver Body/
White LED

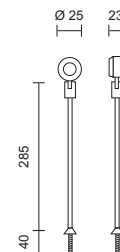
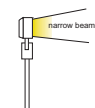
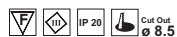


code lamp details

Extended LED spotlight

8898 1W DC

Remote DC ballast required



Accessories

code details
LED Ballast for up to 9 fittings

7320 1-9W 350mA

See transformers, gears and accessories



code details
LED Ballast for up to 11 fittings

7320-350 1-11W 350mA

See transformers, gears and accessories





- LED Footlights
- The body of the olive footlight is made in aluminium
- The fitting utilises a 3W LED
- Includes junction box and clip on face (fig. 1a, b)
- Junction Box must be fully recessed into wall and plastered over.
- Includes LED driver
- Class II
- IP 20

Fig. 1a

Fig. 1b





9150
White Led/
Silver Body



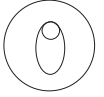
code lamp details

Round option with junction box

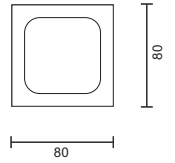
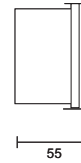
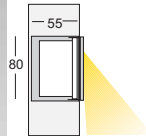
2376/1 3W 230V LED

Complete with led driver

H80 x W80 x D55



Ø 80



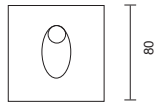
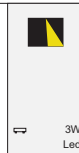
code lamp details

Square option with junction box

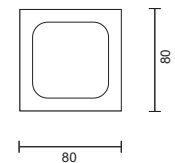
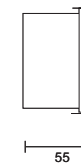
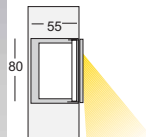
2376/2 3W 230V LED

Complete with led driver

H80 x W80 x D55



80





Neon flex



Round duralight



NEW!! Tapelight



Square duralight



Colour changing ropelight

Scale 1:1



- Range of ropelight and tapelight for outdoor or indoor use
- The body of the DURA ropelight system is made in highly flexible UV stabilised PVC
- The ropelight/tapelight systems consists of:
 - **LED lighting**
 - *LED Tapelight*
Available in warm white and natural white with a body in UV stabilised PVC
 - *Colour Changing ropelight*
RGYB colour changing ropelight(fig.1) that includes accessories, requires a controller(see accessories)
 - *LED Neon flex*
The Neon flex range is available in white, one special feature of this ropelight is that it uses a special formula of PVC that has a more balanced heat dissipation level
 - *Duraflex - mini flat*
This version is available in

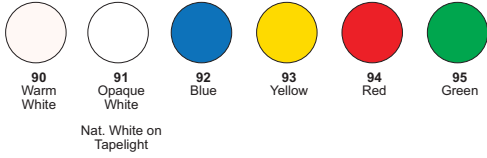
four colours yellow, red, green, blue and has a lamp life of 50000-100000hrs. 230V or 12V options available

Xenon lighting

- *Duralight-round fixing*
This version is available in 4 colours opaque white, red, green, blue and has a lamp life of 25000hrs
- *Duralight-square fixing*
As with the round fixing duralight the square version is also available in opaque white, red, green, blue and has a lamp life of 25000hrs
- Can be installed on normally flammable surfaces
- Class 2
- IP 44

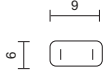
Fig.1





code	W's per M	cutting point	lamp Spacing	max length on 1.6Amp Converter
------	-----------	---------------	--------------	--------------------------------

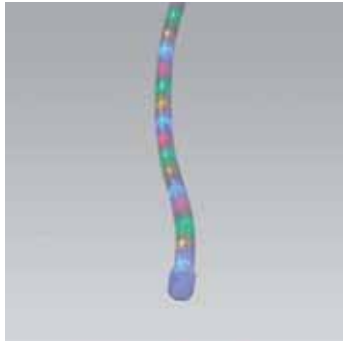
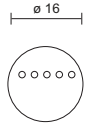
LED Tapelight - 230V				
1031.2.90	2.67W	1.8m	2.5cm	240m
1031.2.91	2.67W	1.8m	2.5cm	240m



code	W's per M	Roll L. per roll	Lamp Spacing	Cutting Point
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Colour changing ropelight - with ultrabrite Ø 5mm LED includes accessories

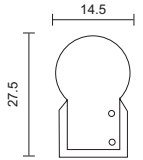
1034.96	2.41W	100m	27.7mm	8m
---------	-------	------	--------	----



code	watts per M	roll L. per roll	no. of lamps per unit	cutting unit	lamps	max. load length with 1.6A conv.
------	-------------	------------------	-----------------------	--------------	-------	----------------------------------

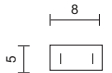
Neonflex - Square Fixing 230V LED						
1030.91	6.6W	49.4m	3888pcs	0.91m	72	96m

Other colours available on request



code	W's per M	cutting point	lamp Spacing	max length on 1.6Amp Converter
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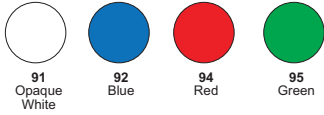
Duraflex - Mini Flat 12V LED				
1031.12.94	0.48W	15cm	25.4mm	40m
1031.12.93	0.48W	15cm	25.4mm	40m
1031.12.95	0.96W	7.62cm	25.4mm	20m
1031.12.92	0.96W	7.62cm	25.4mm	20m



Duraflex - Mini Flat 230V LED

1031.93	1.44W	3.3m	27.7mm	264m
1031.95	2.41W	2m	27.7mm	160m





code	W's per M	Roll L. per roll	No. of lamps	lamp Specification
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Duralight - Round Fixing 230V Xenon

1032.91	2.41W	100m	3240/3168pcs	5V/70mA
1032.92	2.41W	100m	3240/3168pcs	5V/70mA
1032.94	1.44W	100m	3240/3168pcs	5V/70mA
1032.95	2.41W	100m	3240/3168pcs	5V/70mA

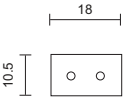


code	W's per M	Roll L. per roll	No. of lamps	lamp Specification
------	-----------	------------------	--------------	--------------------



Duralight - Square Fixing 230V Xenon

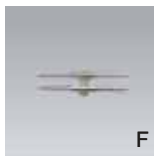
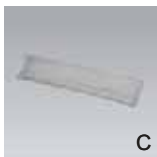
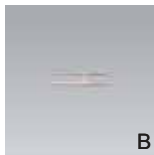
1033.91	2.41W	100m	3240/3168pcs	5V/70mA
1033.92	2.41W	100m	3240/3168pcs	5V/70mA
1033.94	1.44W	100m	3240/3168pcs	5V/70mA
1033.95	2.41W	100m	3240/3168pcs	5V/70mA



Accessories/Components

code	details
------	---------

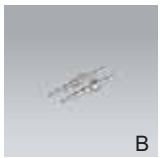
- Accessories for **Led tapelight**
- A) **1031.2.1AC** Feed + 1A Convert.
 - B) **1031.2.AD** Adaptor pin
 - C) **1031.2.CC** Conch connector
 - D) **1031.2.EC** End cap
 - E) **1031.2.FB** Mounting bracket
 - F) **1031.2.LJ** Linear join



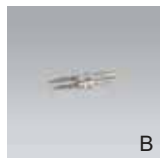
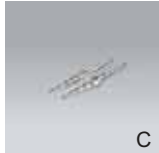
code	details
------	---------

- Accessories for **colour changing ropelight**
- A) **1034.SRC** Waterproof controller
 - B) **1034.AD** Adaptor pin
 - C) **1034.LJ** Linear join
 - D) **1034.EC** End Cap
 - E) **1034.FB** Mounting Bracket

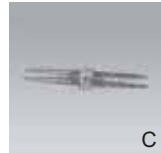
Accessories/Components



- | code | details |
|---|----------------------|
| Accessories for Neonflex - Superbright | |
| A) 1030.PS | Power feed + cordset |
| B) 1030.AD | Adaptor pin |
| C) 1030.LJ | Linear join |
| D) 1030.FB | Mounting clip |
| E) 1030.EC | End cap |



- | code | details |
|---|--------------------------------|
| Accessories for Duraflex-Mini Flat | |
| A) 1031.PS | Power feed + cordset |
| B) 1031.AD | Adaptor pin |
| C) 1031.LJ | Linear join |
| D) 1031.FB | Mounting clip |
| E) 1031.EC | End cap |
| F) 1031.1AC | 1.6A Converter for LED version |
| G) 1031.4AC | 4A Converter for LED version |



AC Converters are to be used in addition to a magnetic transformer

See transformers for additional information



- | code | details |
|---|----------------------|
| Accessories for Duralight - Round fixing | |
| A) 1032.PS | Power feed + cordset |
| B) 1032.AD | Adaptor pin |
| C) 1032.LJ | Linear join |
| D) 1032.FB | Mounting clip |
| E) 1032.EC | End cap |



- | code | details |
|--|----------------------|
| Accessories for Duralight - Square fixing | |
| A) 1033.PS | Power feed + cordset |
| B) 1033.AD | Adaptor pin |
| C) 1033.LJ | Linear join |
| D) 1033.FB | Mounting clip |
| E) 1033.EC | End cap |

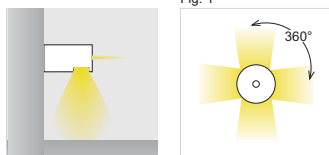




PRETTY

- Surface mounted footlight
- Body made in turned aluminium
- No transformer required
- Up or down lighting
- Body can be rotated 360° due to slot mechanism for fixing onto base (fig.1)
- Can be installed on normally flammable surfaces
- Class 1
- IP 20

Fig. 1





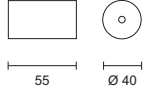
05
Natural
Anodised
pretty



code lamp details

Round

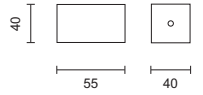
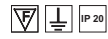
9291 25W 230V G9



code lamp details

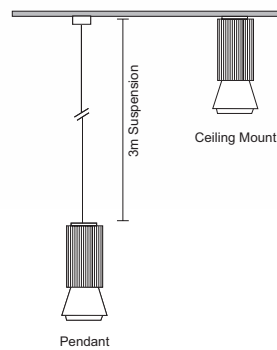
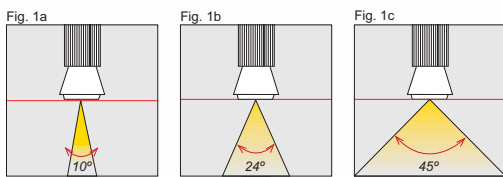
Square

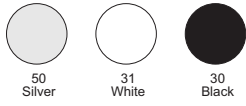
9295 25W 230V G9



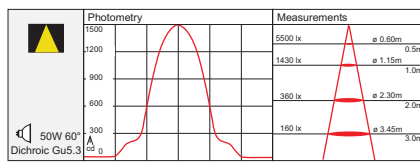
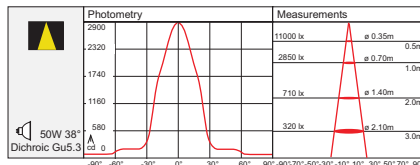
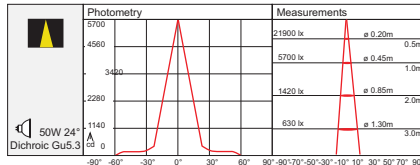
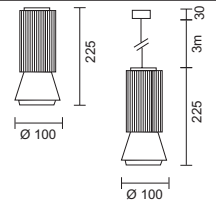
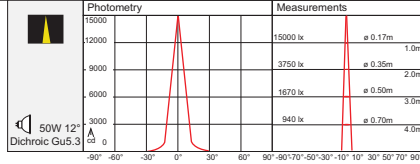


- Downlight pendant or ceiling light fitting
- Body made in die-cast aluminium, with clear glass diffuser
- The MH version is available with various beam angles (fig.1a-c):
 - 10°
 - 24°
 - 45°
- Includes electronic gear (35W, 70W) and transformer (50W)
- Class 1
- IP 20





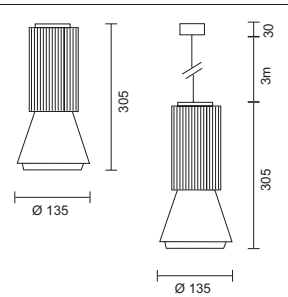
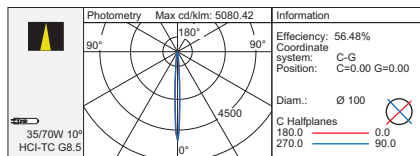
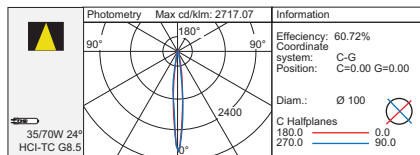
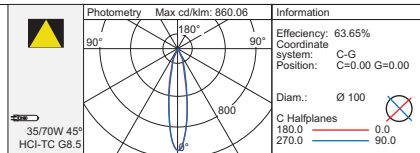
code lamp details
Low voltage
7819.1.50 50W 12V Gu5.3
 Complete with transformer



code lamp details
Metal halide
45° Beam
7818.1.35 35W 230V G8.5
7818.1.70 70W 230V G8.5

24° Beam
7818.2.35 35W 230V G8.5
7818.2.70 70W 230V G8.5

10° Beam
7818.3.35 35W 230V G8.5
7818.3.70 70W 230V G8.5
 Complete with electronic control gear





Fruit and Veg City - Centurion

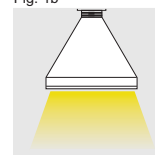
- Commercial pendant
- Available in two diameters 300 and 400 millimetres
- Utilises single ended metal halide lamps
- Symmetrical light output (fig.1 a and b)
- Includes integral control gear
- Comes complete with a 3m suspension kit
- Can be installed on normally flammable surfaces
- Class 1
- IP 20



Fig. 1a



Fig. 1b



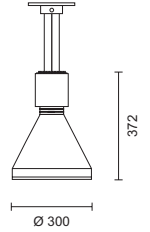
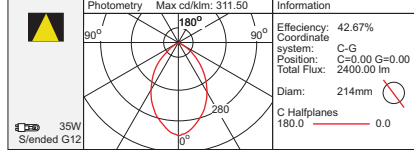
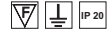


code lamp details

35/70W and 300 diam. bay

7814.035 35W 230V G12
7814.070 70W 230V G12

Includes integral control gear

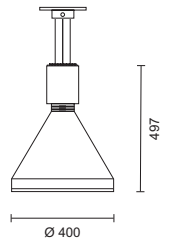
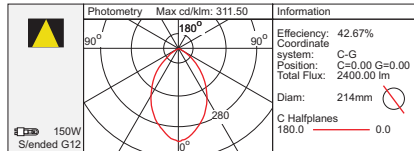
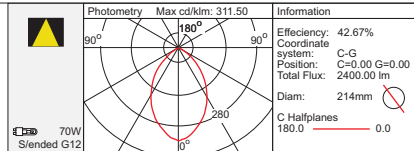
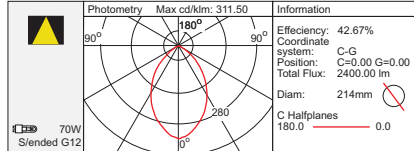


code lamp details

70/150W and 400 diam. bay

7815.070 70W 230V G12
7815.150 150W 230V G12

Includes integral control gear

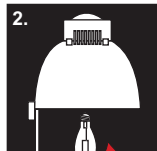
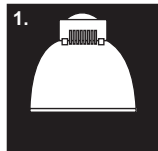






- Commercial pendant
- Gear housing is made in technopolymer with a black or silver paint finish and is complete with gear (fig. 1)
- Reflector is made in polycarbonate and is available with either a translucent or metallised finish (fig. 2)
- Complete with 4mm thick diffuser
- Symmetrical light output
- Includes lamps
- Power cable not supplied
- Utilises new generation compact fluorescent lamps
- Can be installed on normally flammable surfaces
- Class 2
- IP 44


Fig. 1


Fig. 2



- 




33
Black Housing/
Translucent Shade
IV/430-111
- 

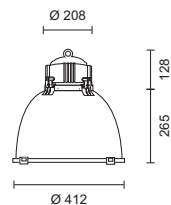
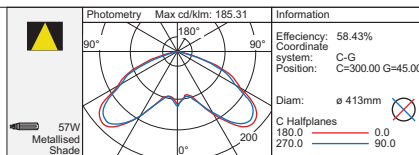
38
Black Housing/
Metallized Shade
IV/430-111
- 

27
Silver Housing/
Metallized Shade
IV/430-111
IV/433-111
IV/435-111
- 

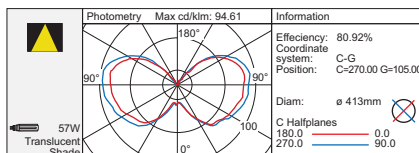
26
Silver Housing/
Translucent Shade
IV/430-111




code lamp details
57W Compact fluorescent
IV/430-111 57W 230V GX24q-5
 Includes integral control gear and lamp




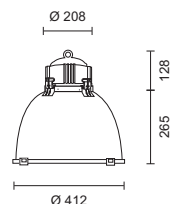
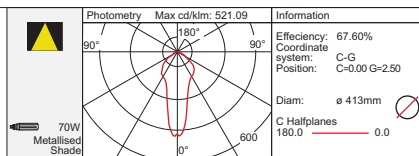


Power cable not supplied






code lamp details
70W Compact fluorescent
IV/433-111 70W 230V GX24q-6
 Includes integral control gear and lamp

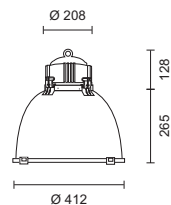
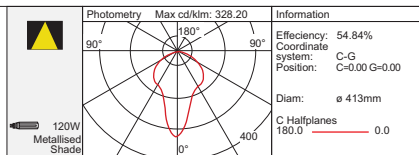





Power cable not supplied



code lamp details
120W Compact fluorescent
IV/435-111 120W 230V 2G8
 Includes integral control gear and lamp






Power cable not supplied



- Commercial pendant
- Gear housing is made in technopolymer with silver paint finish and is complete with gear (fig. 1)
- Reflector is made in polycarbonate and is available in either a translucent or silver finish (fig. 2)
- Complete with 4mm thick diffuser
- Symmetrical light output
- Available for metal halide G12 and E27 lamps
- Power cable not supplied
- Can be installed on normally flammable surfaces
- Class 2
- IP 44

Fig. 1



Fig. 2





33
Black Housing/
Translucent Shade

IV/439-011



38
Black Housing/
Metallized Shade

IV/439-011



27
Silver Housing/
Metallized Shade

IV/439-011
IV/439-013
IV/439-014
IV/439-015



26
Silver Housing/
Translucent Shade

IV/439-011
IV/439-013
IV/439-014
IV/439-015



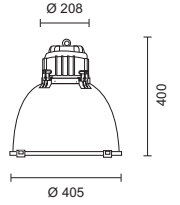
code lamp details

G12 Metal halide

IV/439-013 35W 230V G12
IV/439-014 70W 230V G12
IV/439-015 150W 230V G12
 Includes integral control gear



Power cable not supplied



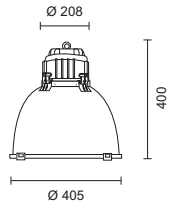
code lamp details

E27 option

IV/439-011 100W 230V E27



Power cable not supplied

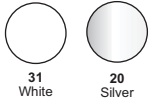




- Professional wall mounted fixture
- Indirect diffused light
- High temperature resistant technopolymer housing with polyurethane paint finish
- Polished aluminium reflector
- Symmetrical light output
- Tempered safety glass diffuser
- The optic unit can be adjusted up to 30° with respect to the horizontal position (fig.1)
- Can be installed on normally flammable surfaces
- Class 2
- IP 20

Fig. 1



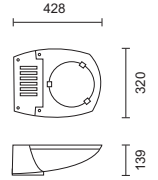
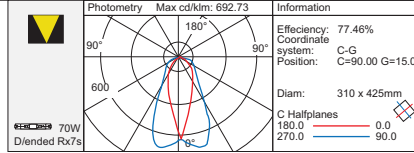


code lamp details

Wall uplighter uses 70W double ended metal halide lamp

MH550/002 70W 230V Rx7s

Includes integral control gear

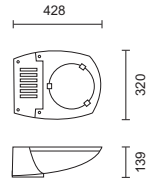
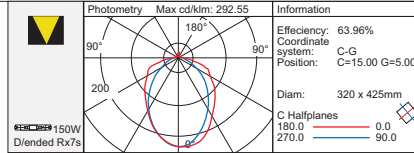


code lamp details

Wall uplighter uses 150W double ended metal halide lamp

MH550/102 150W 230V Rx7s

Includes integral control gear

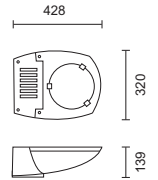
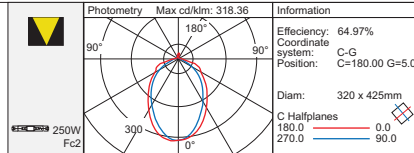


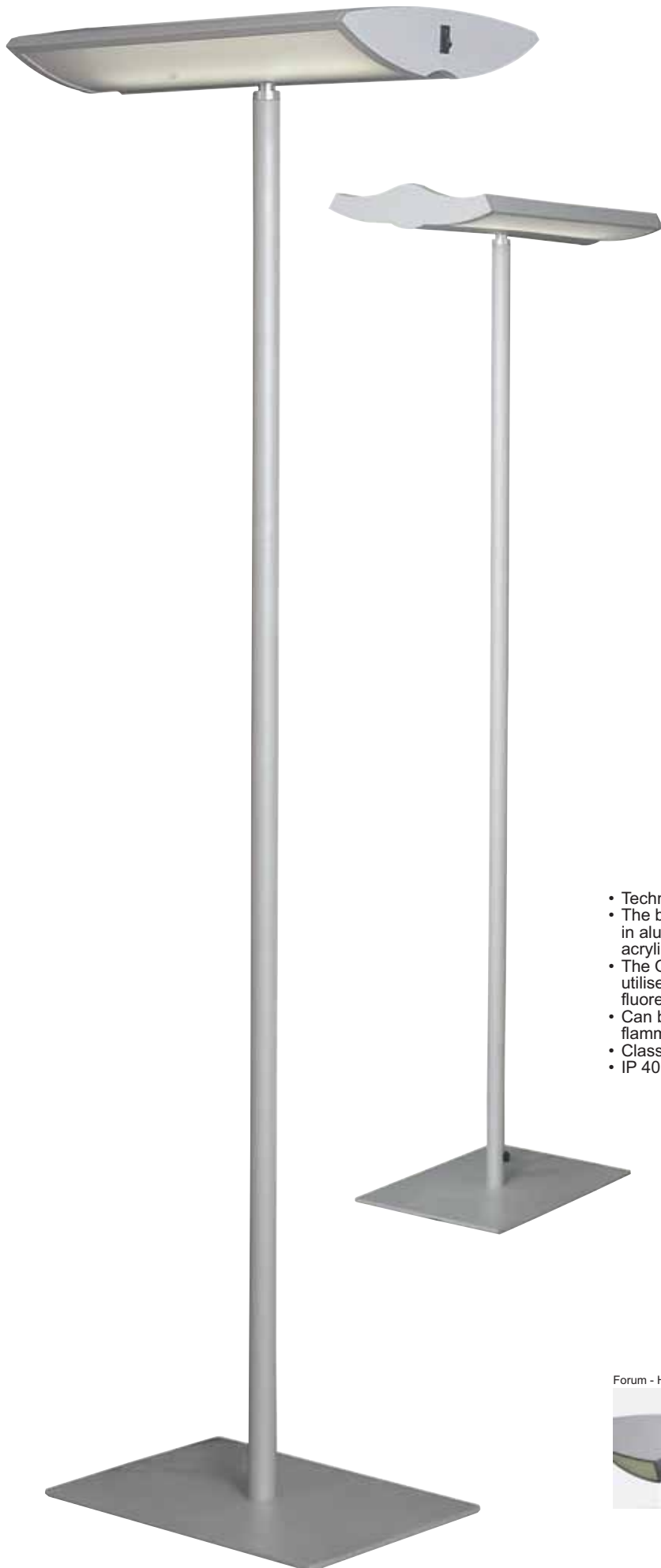
code lamp details

Wall uplighter uses 250W double ended metal halide lamp

MH550/202 250W 230V Fc2

Includes integral control gear





- Technical floor range
- The body and base are made in aluminium with a prismatic acrylic diffuser
- The Quorum and Forum range utilises 2G11 compact fluorescent lamps
- Can be installed on normally flammable surfaces
- Class 2
- IP 40

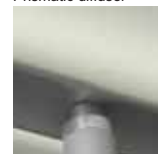
Forum - Headswitch



Quorum



Prismatic diffuser



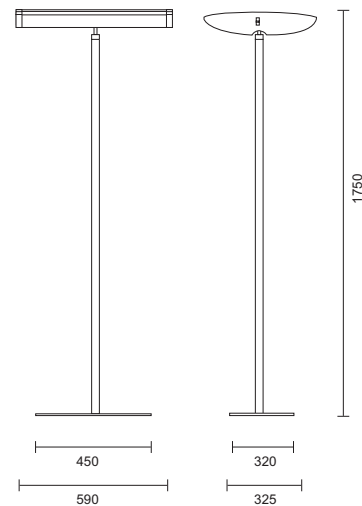


50
Silver

code lamp details

Forum floor lamp with headswitch.

3750.50 2 x 55W 230V 2G11



code lamp details

Quorum floor lamp with footswitch.

3751.50 2 x 55W 230V 2G11

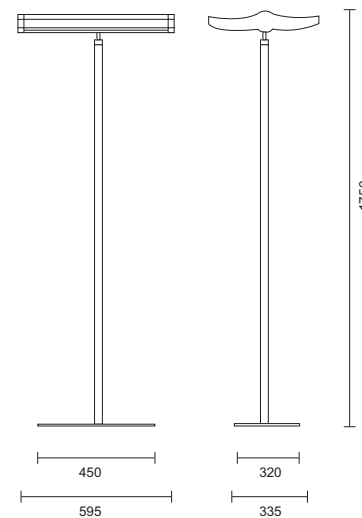




Fig. 1



Fig. 2

- High output indoor fluorescent fitting that utilises T5 Seamless lamps as well as regular T5 fluorescent lamps (**all excluded**)
- The body is made in extruded aluminium
- The Alubat can be used as a single fitting or joined with other units to create linear lines using linear joint accessory
- The fitting comes complete with electronic control gear and wired for continuous lines
- Ideal for applications requiring hidden ambience (fig. 1 and 2)
- Available in both single or double lamp versions
- Can be installed on normally flammable surfaces
- Class I
- IP 20



05
Natural
Anodised



code lamp details

Single T5 lamp

- 3984.1.05** 1 x 24W 230V G5
- 3984.3.05** 1 x 39W 230V G5
- 3984.5.05** 1 x 54W 230V G5
- 3984.7.05** 1 x 80W 230V G5

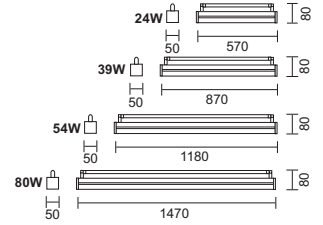


Dimmable single T5 lamp

- 3984.1.05D** 1 x 24W 230V G5
- 3984.3.05D** 1 x 39W 230V G5
- 3984.5.05D** 1 x 54W 230V G5
- 3984.7.05D** 1 x 80W 230V G5



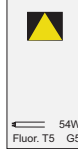
Includes integral electronic ballast



code lamp details

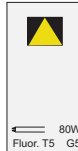
Double T5 lamp

- 3984.2.05** 2 x 24W 230V G5
- 3984.4.05** 2 x 39W 230V G5
- 3984.6.05** 2 x 54W 230V G5
- 3984.8.05** 2 x 80W 230V G5

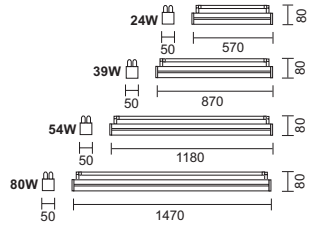


Dimmable double T5 lamp

- 3984.2.05D** 2 x 24W 230V G5
- 3984.4.05D** 2 x 39W 230V G5
- 3984.6.05D** 2 x 54W 230V G5
- 3984.8.05D** 2 x 80W 230V G5



Includes integral electronic ballast



code lamp details

Single seamless T5 lamp

- 3985.1.05** 1 x 24W 230V G5
- 3985.3.05** 1 x 39W 230V G5
- 3985.5.05** 1 x 54W 230V G5

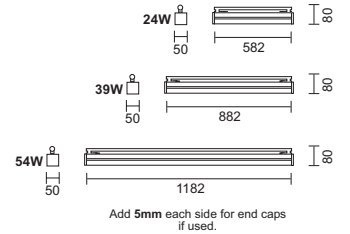


Dimmable single seamless T5 lamp

- 3985.1.05D** 1 x 24W 230V G5
- 3985.3.05D** 1 x 39W 230V G5
- 3985.5.05D** 1 x 54W 230V G5



Includes integral electronic ballast



Add 5mm each side for end caps if used.



code lamp details

Double seamless T5 lamp

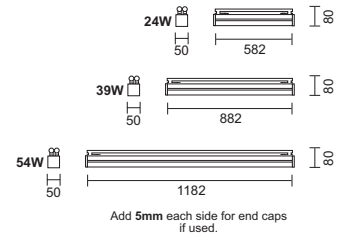
- 3985.2.05** 2 x 24W 230V G5
- 3985.4.05** 2 x 39W 230V G5
- 3985.6.05** 2 x 54W 230V G5



Dimmable double seamless T5 lamp

- 3985.2.05D** 2 x 24W 230V G5
- 3985.4.05D** 2 x 39W 230V G5
- 3985.6.05D** 2 x 54W 230V G5

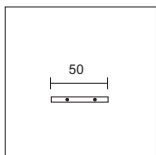
Includes integral electronic ballast



Add 5mm each side for end caps if used.



Accessories

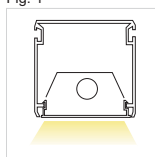


code
Linear joint
CI/UNI.CD

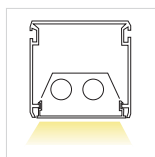


- T5 Fluorescent lamp for wall, surface or suspended interior use
- Available in the following variations (fig. 1)
 - One light symmetric
 - Two light symmetric
 - One light asymmetric
- The fitting can be wall mounted or suspended utilising the mounting bracket or suspension kit available under accessories
- The body is made in extruded aluminium with a polycarbonate diffuser
- The Duplo fitting is supplied complete with electronic control gear
- Dimmable versions available on request
- Can be installed on normally flammable surfaces
- Class 1
- IP 40

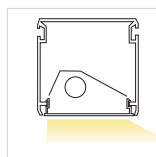
Fig. 1



One Light Symmetric



Two Light Symmetric



One Light Asymmetric



05
Natural anodised



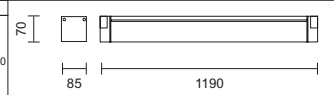
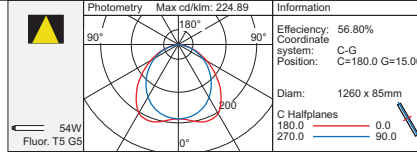
code lamp details

Single lamp symmetric

3980.1.05 54W 230V G5

Complete with electronic control gear

Excludes end caps



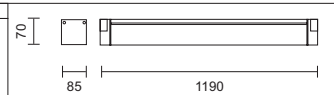
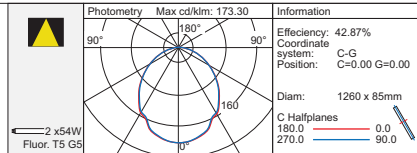
code lamp details

Double lamp symmetric

3980.2.05 2 x 54W 230V G5

Complete with electronic control gear

Excludes end caps



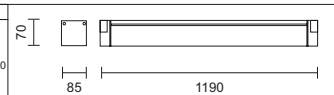
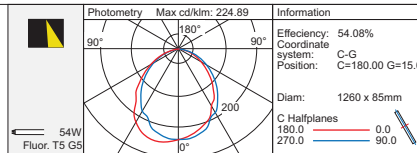
code lamp details

Single lamp asymmetric

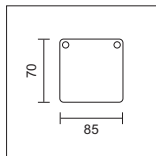
3980.3.05 54W 230V G5

Complete with electronic control gear

Excludes end caps

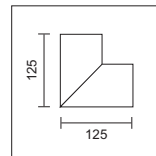


Accessories



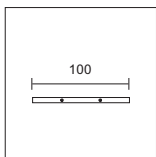
code
Silver end cap

3980.TE.2



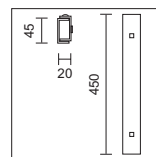
code
Two way coupling

3980.CL



code
Linear joint

3980.CD



code
450mm Wall mounting bracket

3980.ZU



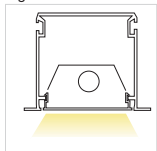
code
Suspension kit 4m

SUSP-5 - pair

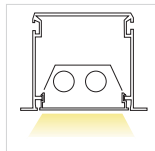


- T5 Fluorescent lamp for recessed application
- Available in the following variations (fig. 1)
 - One light symmetric
 - Two light symmetric
 - One light asymmetric
- The fixing bracket accessory is necessary for walls and false ceilings with a thickness of between 1mm and 30mm (fig. 2)
- The body is made in extruded aluminium with a specular steel reflector and polycarbonate diffuser
- Includes electronic control gear
- Dimmable version available on request
- Can be installed on normally flammable surfaces
- Class 1
- IP 40

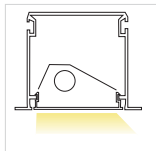
Fig. 1



One Light Symmetric

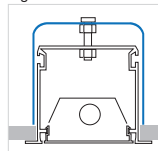


Two Light Symmetric



One Light Asymmetric

Fig. 2



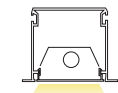
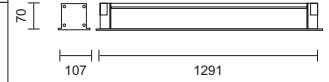
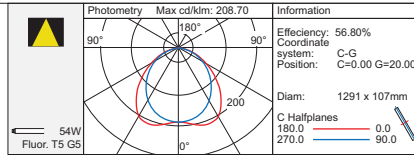
One Light Symmetric



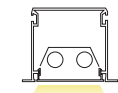
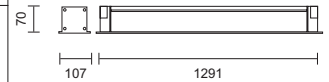
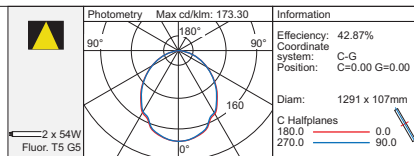
05
Natural anodised



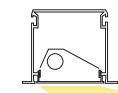
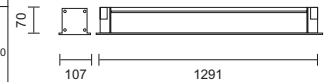
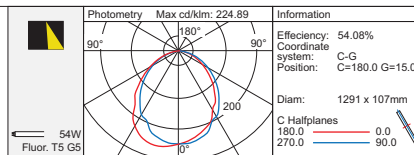
code lamp details
Single lamp symmetric
3981.1.05 54W 230V G5
 Complete with electronic control gear
 Excludes end caps



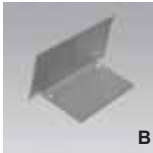
code lamp details
Double lamp symmetric
3981.2.05 2 x 54W 230V G5
 Complete with electronic control gear
 Excludes end caps



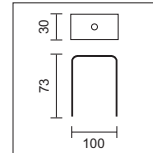
code lamp details
Single lamp asymmetric
3981.3.05 54W 230V G5
 Complete with electronic control gear
 Excludes end caps



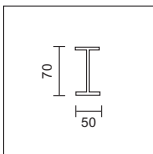
Accessories



code details
 Various end caps
A) 3981.TE2 Flat end cap small lip
B) 3981.TE3 Flat end cap large lip



code details
 Fixing bracket for wall and ceiling use
3981.MF



code details
 Linear joint
3981.CD



Food Lovers Market - Cape Town

- Ceiling pendant fluorescent luminaire
- Designed for the new generation T5 lamp with aesthetic and technical characteristics which make it suitable for use in a wide range of applications including offices, banks and retail shops
- Body is made in extruded aluminium with an opaline polycarbonate diffuser
- Includes plastic painted end caps and a 1.5 metre suspension kit
- Dark louvre's and longitudinal low luminance diffusers are available on request
- The Uni is available in different modules for single, double or multiple lighting emission, both indirect and direct or only direct or indirect lighting
- An Uni version for wall mounted applications is also available with a mounting kit included
- Can be installed on normally flammable surfaces
- Electronic control gear
- Dimmable versions available on request
- Class 1
- IP 20

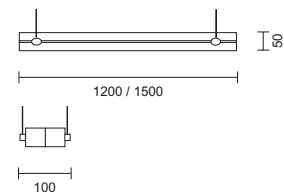
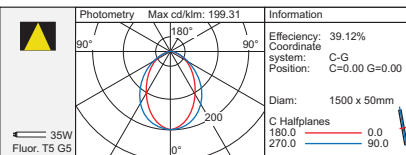




code lamp details

Uni 1 light direct

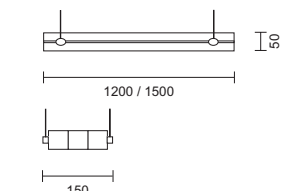
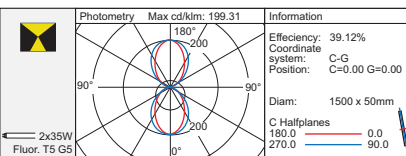
3815 1500mm 35W 230V G5
3822 1200mm 54W 230V G5



code lamp details

Uni 2 light direct/indirect

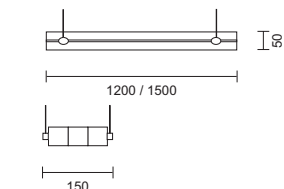
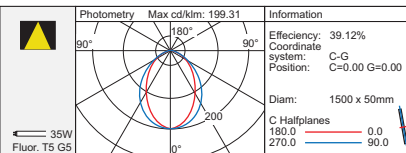
3813 1500mm 2 x 35W 230V G5
3820 1200mm 2 x 54W 230V G5



code lamp details

Uni 2 light direct

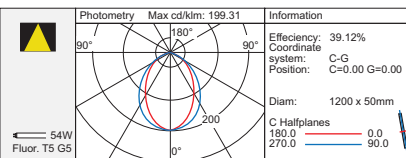
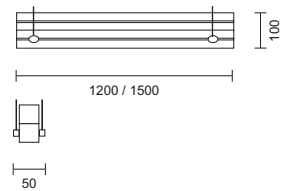
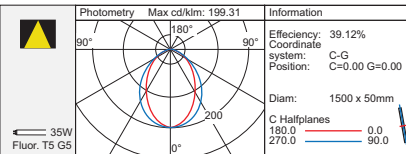
3812 1500mm 2 x 35W 230V G5
3819 1200mm 2 x 54W 230V G5



code lamp details

Uni 1 light direct

3814 1500mm 35W 230V G5
3821 1200mm 54W 230V G5



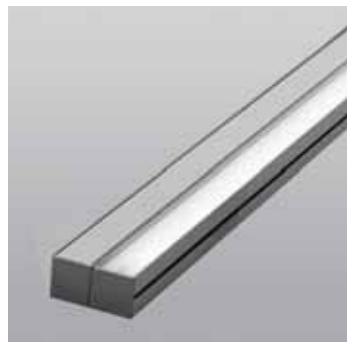
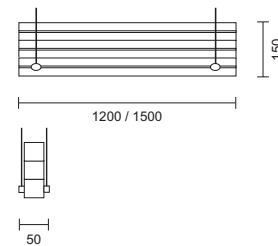
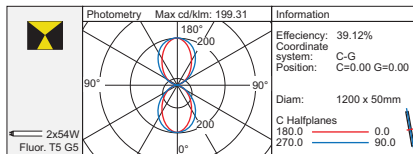
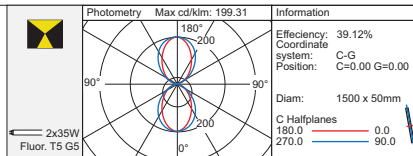
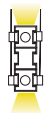


05
Natural
Anodised



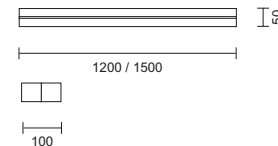
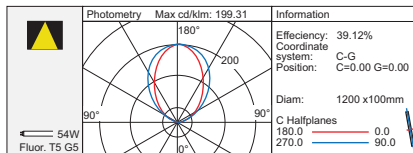
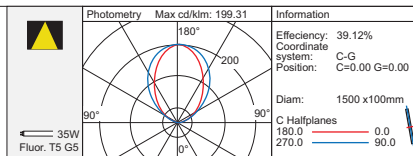
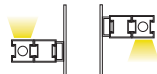
code lamp details
Uni 2 light direct/indirect

3811 1500mm 2 x 35W 230V G5
3818 1200mm 2 x 54W 230V G5



code lamp details
Uni 1 light for wall applications

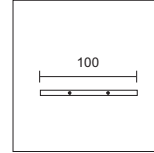
3816 1500mm 35W 230V G5
3823 1200mm 54W 230V G5



Accessories



code details
Dark light louvre
CI/UNI.DARK54.00
CI/UNI.DARK35.00



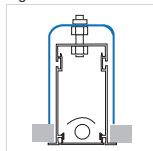
code details
Linear joint
CI/UNI.CD





- Recessed version of the T-Uni fluorescent for wall and ceiling use
- End caps sold separately
- The body is made in aluminium and comes complete with a polycarbonate diffuser
- The fitting comes complete with electronic control gear
- For installation into false ceilings with thicknesses ranging from 0.5cm to 3.4cm the bracket accessory is required (fig. 1)
- Dimmable versions available on request
- Can be installed on normally flammable surfaces
- Class 1
- IP 43

Fig. 1

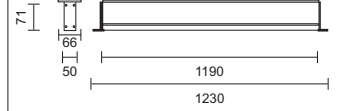
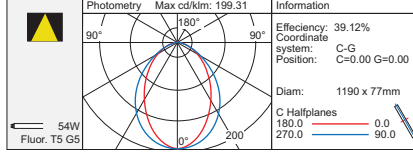




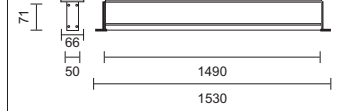
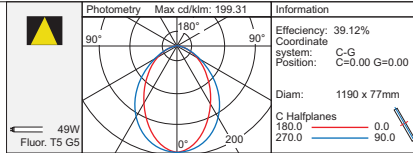
05
Natural anodised



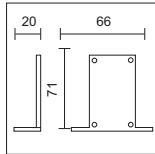
code lamp details
Single lamp version for direct lighting
3860/05 54W 230V G5
 Complete with electronic control gear
 End caps sold separately



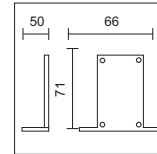
code lamp details
Single lamp version for direct lighting
3864/05 49W 230V G5
 Complete with electronic control gear
 End caps sold separately



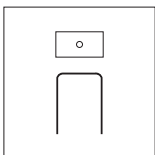
Accessories



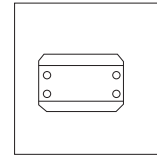
code details
End cap
CI/TNC.TE



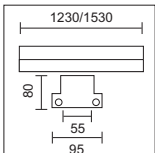
code details
End cap
CI/TNC.TE3



code details
Bracket pair for ceiling installation
CI/TNC.MF



code details
Linear joint
CI/TNC.CD



code details
Recessed housing
CI/TNC.C54 54W L1230mm
CI/TNC.C35 49/35W L1530mm



- Fluorescent lights for suspended mounting

TRES

- Body is made in mild steel with perforated down facing side diffusers and a dark light high purity parabolic centre louvre
- Direct and indirect light
- Includes a 2 metre suspension kit
- Includes electronic control gear
- Can be installed on normally flammable surfaces
- Class 1
- IP 20

TRES SQUARE

- Body is made in mild steel with two perspex side diffusers and an antiglare centre louvre
- Direct and indirect light
- Includes a 2 metre suspension kit
- Includes electronic control gear
- Can be installed on normally flammable surfaces
- Class 1
- IP 20

OPAQUE

- Frame and base is made in powder coated metal with an opal acrylic diffuser
- Direct and indirect lighting
- Includes a 1.5 metre suspension kit
- Includes electronic control gear
- Can be installed on normally flammable surfaces
- Class 1
- IP 20

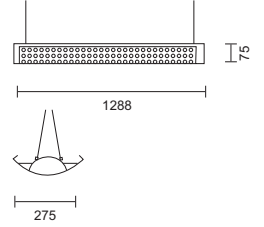
- -
- 31 White 50 Silver
- 3965 3965
3970



code lamp details
Tres suspended fluorescent

3965 3 x 54W 230V G5

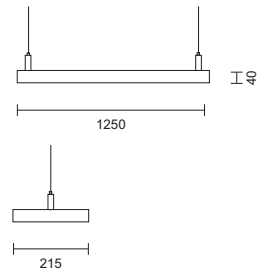
Complete with electronic control gear



code lamp details
Tres square suspended fluorescent

3970 3 x 54W 230V G5

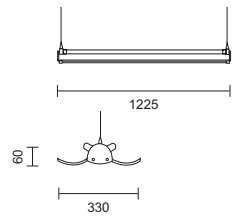
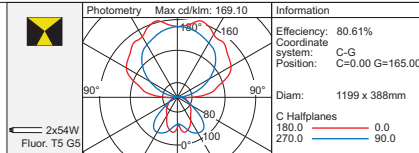
Complete with electronic control gear



code lamp details
Opaque fluorescent for suspension

3975 2 x 54W 230V G5

Complete with electronic control gear





Woodlands Day Spa - Muldersdrif



BARRA

- Fluorescent light for ceiling mounting
- Body and base is made in plastic
- Available in three versions Barra 1, 2 and 3
- Barra 2 has a anti-glare louvre
- Barra 3 has a perforated diffuser
- Both Barra 2 and 3 utilize a clip system (fig.1)
- Comes complete with T5 lamp
- Can be installed on normally flammable surfaces
- Class 2
- IP 20

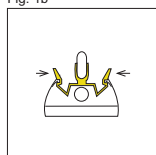
SUPERLIGHT

- Fluorescent light for surface or suspended mounting
- Rolled steel body complete with dark light louvre
- Suspension kit available on request (see accessories)
- Can be installed on normally flammable surfaces
- Class 1
- IP 20

Fig. 1a



Fig. 1b



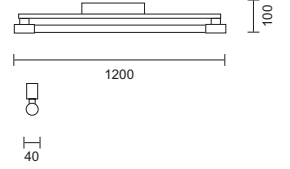


code lamp details

Barra 1 without diffuser

7051 28W 230V G5

Complete with lamp

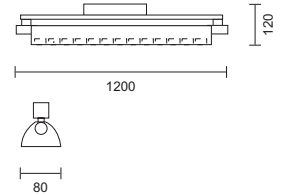


code lamp details

Barra 2 with anti-glare diffuser

7052 28W 230V G5

Complete with lamp

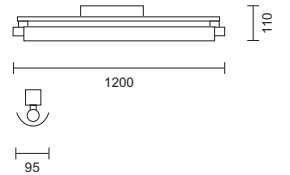


code lamp details

Barra 3 with perforated diffuser

7053 28W 230V G5

Complete with lamp

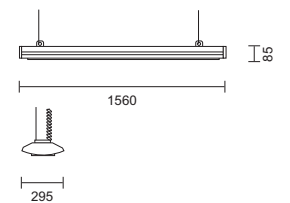
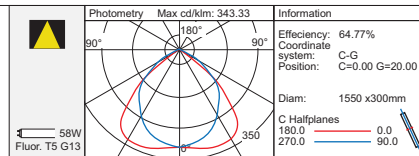


code lamp details

Superlight with dark light louvre

7056 2 x 58W 230V G13

Complete with lamp



Accessories

code details

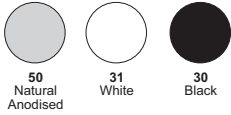
2m Suspension cables

SUSP-5





- Suspended or surface mounted fluorescent fitting
- Body is made in aluminium with a polycarbonate diffuser
- End caps sold separately (see accessories)
- Available in two lighting versions:
 - Direct
 - Direct/Indirect
- 78° light output
- Two types of suspension kits available (see accessories)
- The fitting can be joined together using the linear joints available (see accessories)
- Suspension kit, end caps and linear joints have to be ordered separately
- Dimmable versions available on request
- Can be installed on normally flammable surfaces
- Class 1
- IP 43



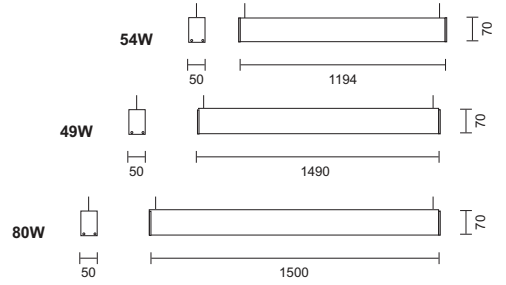
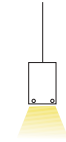
code lamp details

T-Uni - Direct

- 3960.12S.54** 54W 230V G5
- 3960.12S.49** 49W 230V G5
- 3960.15S.80** 80W 230V G5

Complete with electronic control gear

End caps sold separately



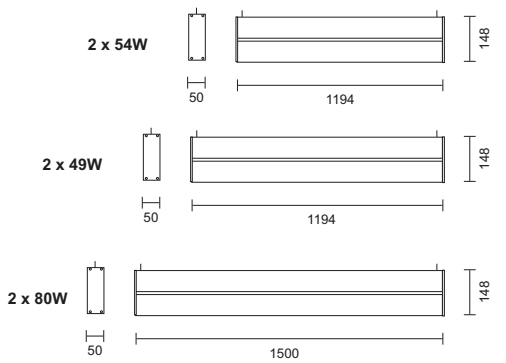
code lamp details

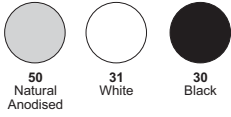
T-Uni - Direct/indirect

- 3960.12D.54.54** 2 x 54W 230V G5
- 3960.12D.49.49** 2 x 54W 230V G5
- 3960.12D.80.80** 2 x 54W 230V G5

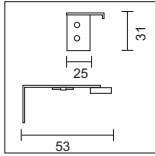
Complete with electronic control gear

End caps sold separately





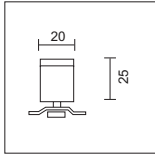
Accessories



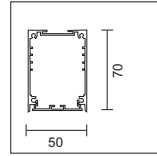
code lamp details
Wall mount (pair)
3960.AP



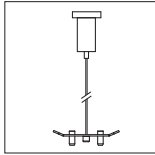
code lamp details
A. Linear join 1 Lamp
3960.CD
B. Linear join 2 Lamp
3960.CD2



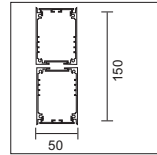
code lamp details
Ceiling mount (pair)
3960.DP



code lamp details
Connecting module 1 light
CI/TNI.MC54



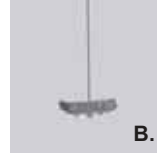
code lamp details
Indirect suspension
3960.SO3



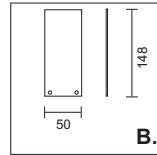
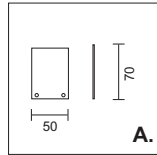
code lamp details
Connecting module 2 light
CI/TNI.MC542



code lamp details
Dark light louvre
CI/UNI.DARK54.00



code lamp details
A. Suspension kit 1 light
3960.SO
B. Suspension kit 2 light
3960.SO2



code lamp details
A. End cap 1 light
3960.TE Natural Anodised
3960.TE.30 Black
3960.TE.31 White
B. End cap 2 light
3960.TE2 Natural Anodised
3960.TE2.30 Black
3960.TE2.31 White

T-Uni Suspension

design by Spazio

SPAZIO

INTERIOR FLUORESCENT





- Fluorescent luminaire for suspension mounting
- Designed in powder coated extruded aluminium
- Utilizes a 99.9% pure, bright anodised specular aluminium reflector
- Available in versions capable of driving single or double fluorescent lamps for direct or both indirect and direct lighting
- Range includes a module that can be equipped with 12V halogen spots
- Comes complete with polycarbonate louvres, end caps and 1.5m suspension kit with ceiling cups
- Customised designs available on request
- Electronic control gear on request
- Dimmable versions available on request
- Can be installed on normally flammable surfaces
- Class 1
- IP 20

Acrylic

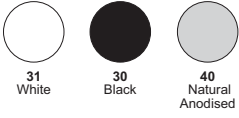


Plastic

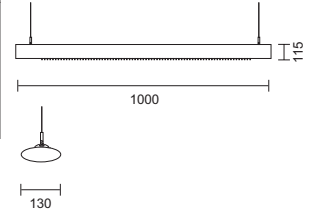
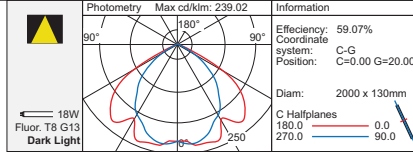
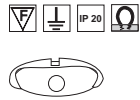


Anti-glare

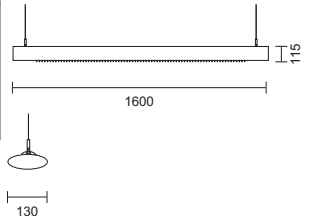
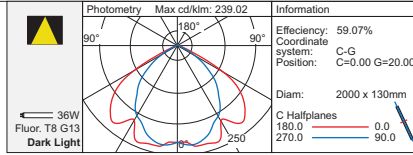
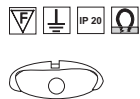




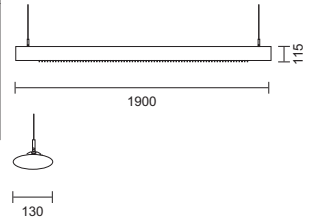
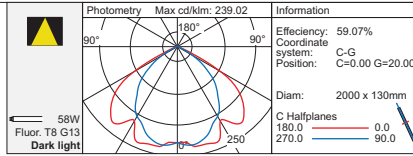
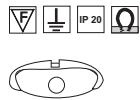
code lamp details
Single 1000mm fluorescent
BS18W-S 18W 230V G13



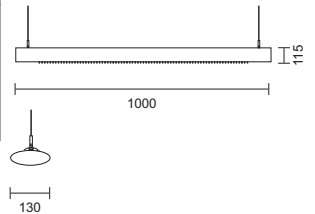
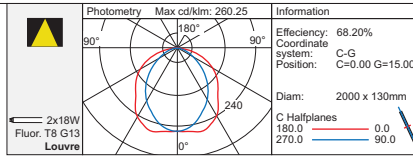
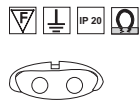
code lamp details
Single 1600mm fluorescent
BS36W-S 36W 230V G13

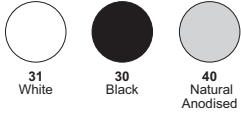


code lamp details
Single 1900mm fluorescent
BS58W-S 58W 230V G13

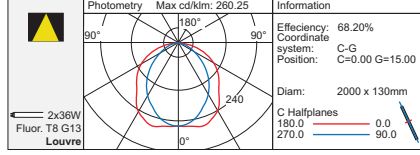


code lamp details
Double 1000mm fluorescent
BS18W 2 x 18W 230V G13

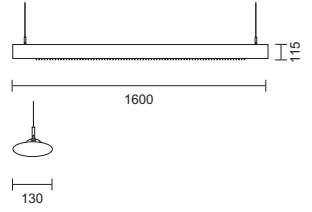




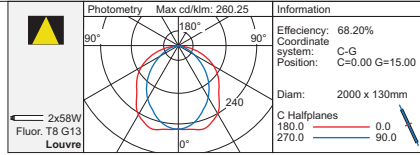
code lamp details
Double 1600mm fluorescent
BS36W 2 x 36W 230V G13



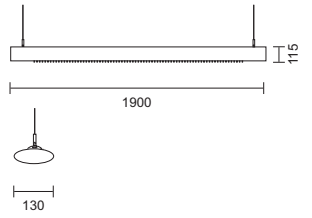
Information	
Efficiency:	68.20%
Coordinate system:	C-G
Position:	C=0.00 G=15.00
Diam:	2000 x 130mm
C Halfplanes	
180.0	0.0
270.0	90.0

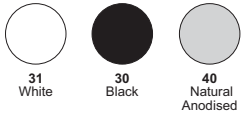


code lamp details
Double 1900mm fluorescent
BS58W 2 x 58W 230V G13

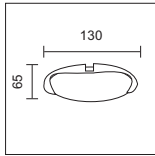


Information	
Efficiency:	68.20%
Coordinate system:	C-G
Position:	C=0.00 G=15.00
Diam:	2000 x 130mm
C Halfplanes	
180.0	0.0
270.0	90.0





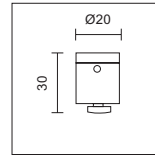
Accessories



code details

Basic tube

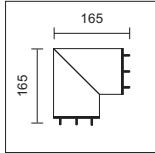
BC/31
BC/30
BC/40



code details

Ceiling bracket

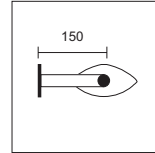
ADP



code details

90° Corner

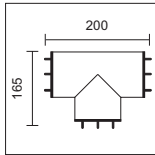
BCL/31
BCL/30
BCL/40



code details

Wall bracket one side

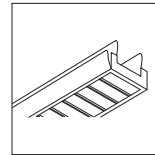
BABP



code details

T Join

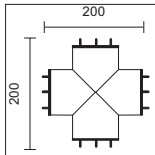
BCT/31
BCT/30
BCT/40



code details

Dark louvre

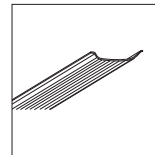
Blou 18
Blou 36
Blou 58



code details

4 Way joint

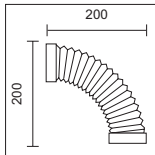
BCC/31
BCC/30
BCC/40



code details

Prismatic diffuser

BDIF 10 - 18W
BDIF 16 - 36W
BDIF 19 - 58W



code details

Flexi corner

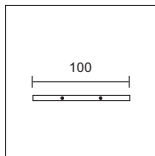
BCF/31
BCF/30



code details

Curly cord
0.7M curled up/1.5m stretched out

CURLY/30
CURLY/31



code details

Linear joint

CD/30



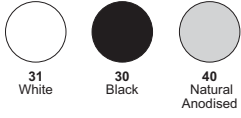
- Fluorescent luminaire for suspension mounting
- Designed in powder coated extruded aluminium
- Utilizes a 99.9% pure, bright anodised specular aluminium reflector
- Range includes a module that can be equipped with 12V halogen spots
- Comes complete with polycarbonate louvres, end caps and a 1,5 metre suspension kit with ceiling cups
- Available in versions capable of driving single fluorescent lamps for direct lighting
- Customised designs available on request
- Dimmable versions available on request
- Electronic control gear on request
- Can be installed on normally flammable surfaces
- Class 1
- IP 20

Acrylic

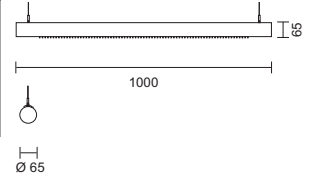
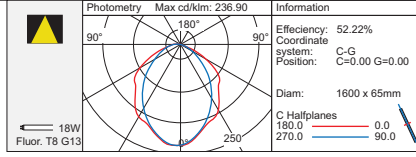
Plastic

Anti-glare

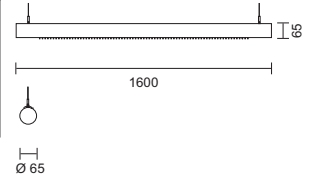
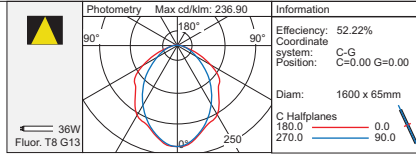




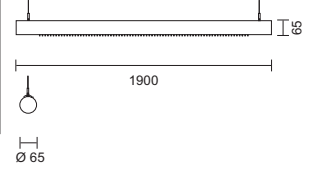
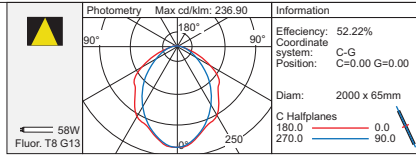
code lamp details
1000mm fluorescent
RS18W 18W 230V G13

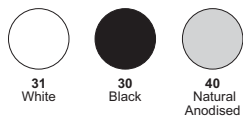


code lamp details
1600mm fluorescent
RS36W 36W 230V G13


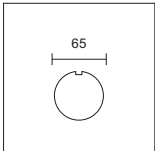

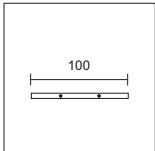

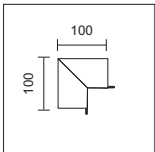

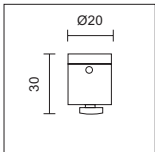
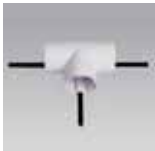
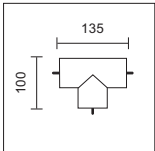

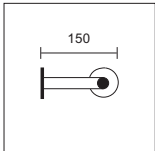

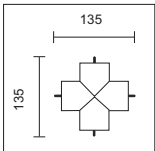

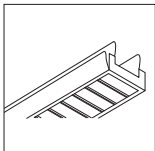

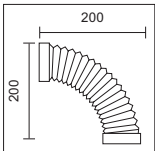

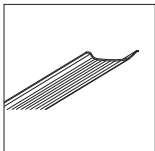



code lamp details
1900mm fluorescent
RS58W 58W 230V G13





Accessories

		code details Basic tube RC/31 RC/30 RC/40			code details Linear joint CD/30
		code details 90° Corner CL/31 CL/30 CL/40			code details Ceiling bracket ADP
		code details T Join CT/31 CT/30 CT/40			code details Wall bracket two side ABP
		code details 4 Way joint CC/31 CC/30 CC/40			code details Dark louvre APM/RS/113 - 18W APM/RS/114 - 36W APM/RS/115 - 58W
		code details Flexi corner CF/31 CF/30			code details Prismatic diffuser APM/RS/013 - 18W APM/RS/014 - 36W APM/RS/015 - 58W
	code details Curly cord 0.7M curled up/1.5m stretched out CURLY/30 CURLY/31				





SURFDECK

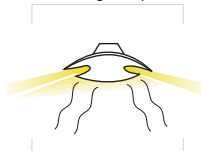
- Fluorescent light for surface mounting
- The body is made in metal
- The diffuser is made in opal acrylic
- The Surfdeck fluorescent comes complete with electronic control gear (fig. 1)
- Lamp replacement by simply removing the cover (fig. 2)
- Can be installed on normally flammable surfaces
- Class 1
- IP 20

BUTTERFLY

- Fluorescent light for ceiling or suspended mounting
- Body is made in mild steel with a perforated diffuser
- Suspension kit available on request (see accessories)
- Can be installed on normally flammable surfaces
- Class 1
- IP 20



Diffused light output





31
White

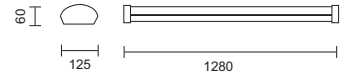


code lamp details

Surfdeck for surface mounting

7057 2 x 36W 230V G13

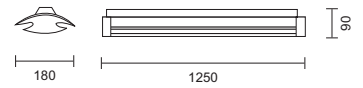
Complete with electronic control gear



code lamp details

Butterfly perforated fluorescent light

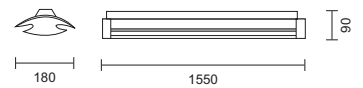
7054 2 x 36W 230V G13



code lamp details

Butterfly perforated fluorescent light

7055 2 x 58W 230V G13



Accessories



code details

Suspension kit 4m

SUSP-5 - pair



Woodlands Day Spa - Muldersdrif

THE STRIP

- Fluorescent light for surface mounting (includes fixing brackets)
- Body is made in plastic
- Can be connected in series using the double ended figure 8 plug (fig. 1) and (fig. 2a-d)
- Comes complete with warm white T5 lamp
- Can be installed on normally flammable surfaces
- Class 2
- IP 20

MINI, PATICE

- Low wattage fluorescent fittings for wall and ceiling mounting
- The body and diffuser is made in polycarbonate
- The Mini includes a new linear joint for more flush linear applications (fig. 3)
- Can be installed on normally flammable surfaces
- Class 2
- IP 40



Fig. 1



Fig. 2a



Fig. 2b



Fig. 2c



Fig. 2d



Fig. 3



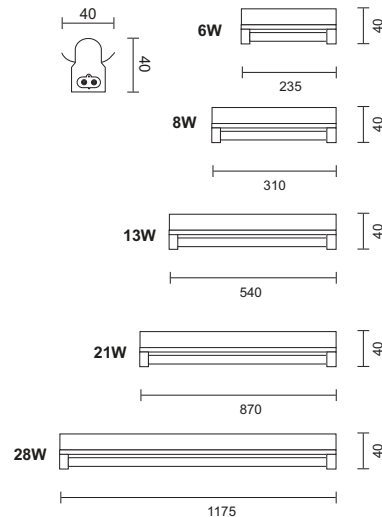
White



code lamp details
The Strip linear fluorescent light

4853.6	6W	230V	G5
4853.8	8W	230V	G5
4853.13	13W	230V	G5
4853.21	21W	230V	G5
4853.28	28W	230V	G5

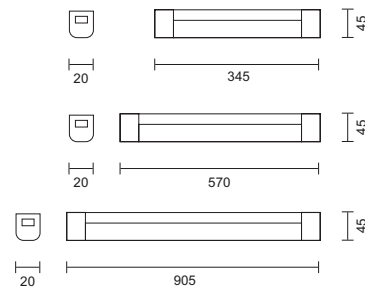
Includes lamp



code lamp details
Mini small fluorescent light

7040.08	8W	230V	G5
7040.13	13W	230V	G5
7040.21	21W	230V	G5

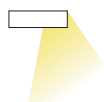
Includes lamp



code lamp details
Patice small fluorescent light

7049	13W	230V	G5
-------------	-----	------	----

Includes lamp





- Heavy duty industrial waterproof fitting
 - High resistance to aggressive chemical agents
 - The body of the Acciaio is made in zinalume with die-cast aluminium end caps
 - Clear tempered glass diffuser
 - The optical reflector of the Acciaio allows for 20% higher light output
 - The fitting includes electronic ballast:
 - New generation electronic ballast preheated cathode for energy savings of more than 30% in comparison to traditional ballasts
 - Complies with: EN 60929
 - Operating temp. $-25^{\circ} \div 70^{\circ}$
 - Max. Temp.: (tc)80°
 - Snap on ceiling brackets allow for easy track and ceiling installation
 - Correct positioning of tubes is controlled by a guide rail
- **An Emergency LED unit (fig. 1a-d) is available on request**
 - The fitting is sealed using silicone sealing
 - Class 1
 - IP 66

Fig.1a



Fig. 1b



Fig. 1c



Fig. 1d





Grey
RAL 7035

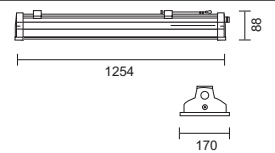
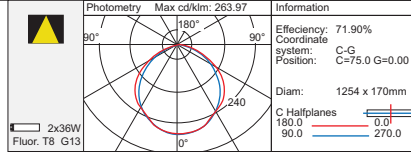


code lamp details

Acciaio 36W

BG/14803 2 x 36W 230V G13

Complete with electronic control gear

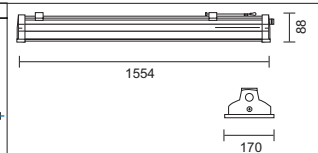
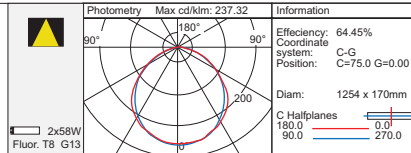


code lamp details

Acciaio 58W

BG/14805 2 x 58W 230V G13

Complete with electronic control gear



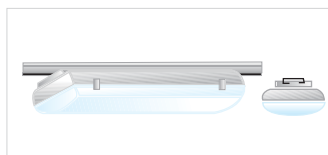


ILLUMINA 626

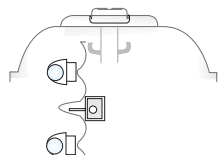
- Range of industrial lights for ceiling or wall mounting
- The body is made in self extinguishing, UV stabilised, polycarbonate (UL94 Standards). The body comes complete with polyurethane gasket, reinforcing ribs, fibreglass clips that fit flush with the body
- The fitting comes complete with a high polished reflector which has a complex parabolic profile that ensures optimal lighting performance
- The injection moulded UV stabilised polycarbonate (UL 94 Standards) diffuser and has a high impact resistance. It is only 1.2mm thick in order to minimise light absorption and features a internal prismatic finish to optimise luminous flux
- Can be installed on normally flammable surfaces
- Class 2
- IP 66

STANDARD

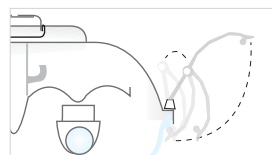
- Vapourproof luminaire for both interior and exterior installation
- The body is made in polycarbonate with a self retaining PMMA prismatic diffuser (Fig. 1)
- Other features include
 - Concealed clips (Fig.2)
 - Adjustable ceiling bracket (Fig.3)
- Inclusive of cable gland
- Can be installed on normally flammable surfaces
- Class 2
- IP 65



Installation onto electrified track with metal bracket supplied



Parabolic reflector suspension



Concealed hook

fig. 1



fig. 2



fig. 3





Grey
RAL 7035

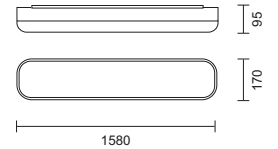
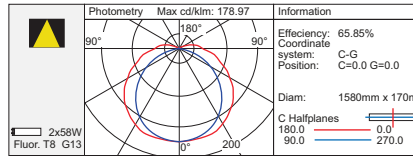
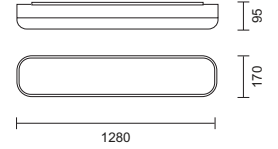
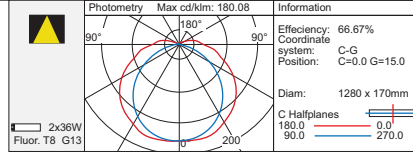


code lamp details

Illumina 626 BS 100

BG/3619PR 2 x 36W 230V G13
BG/3621PR 2 x 58W 230V G13

Complete with electronic ballast

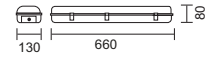


code lamp details

Standard

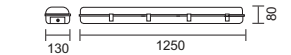
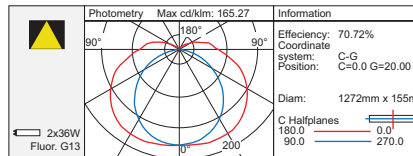
7829.2.218 2 x 18W 230V G13

Complete with electronic ballast



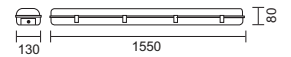
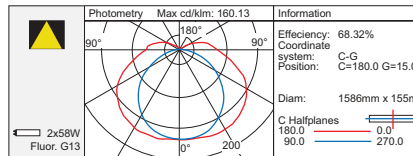
7829.2.236 2 x 36W 230V G13

Complete with electronic ballast



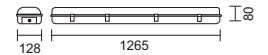
7829.2.258 2 x 58W 230V G13

Complete with electronic ballast



7829.2.254 2 x 54W 230V G5

Complete with electronic ballast



Accessories

code details

Illumina 626 Stainless steel clips.
Pack of 10

BG/3507



code details

Standard stainless steel clip.

ZZ.7829/SSCLIPS





- Exterior/Interior vapourproof ideal for coastal areas
- The body is made in 304 powder coated stainless steel with a tempered glass diffuser
- Comes complete with cable gland
- Sealed using a silicon gasket and stainless steel clips
- Available for 2 x 36 and 2 x 58W T8 lamps
- Includes electronic ballast
- Can be installed on normally flammable surfaces
- Class 1
- IP 65

LAMP REPLACEMENT

- Open all clips from the bottom (fig.1a and b) pulling up and releasing
- Replace lamp accordingly

Fig. 1a

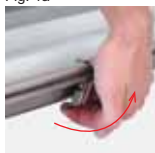


Fig. 1b





31
White

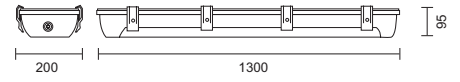


code lamp details

36W T8

7831.236 2 x 36W 230V G13

Complete with electronic ballast

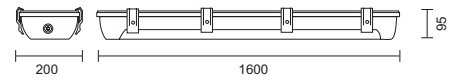


code lamp details

58W T8

7831.258 2 x 58W 230V G13

Complete with electronic ballast





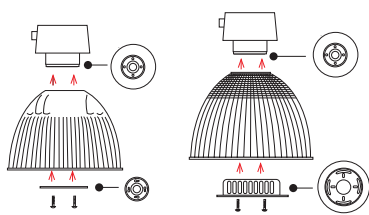
- Range of industrial lighting available with an acrylic or pressed aluminium reflector (sold separately)
- The gear box is epoxy painted
- The 16" Acrylic reflector is compatible only with 125W MV, 150W MH + HPS, 250W MV and 250 MH + HPS gears
- The Lotus gear box comes complete with hook for ceiling or suspension assembly
- Can be installed on normally flammable surfaces
- Class 1
- IP 20



Prismatic acrylic diffuser



Pressed aluminium diffuser



Gear box attaches easily to the diffusers

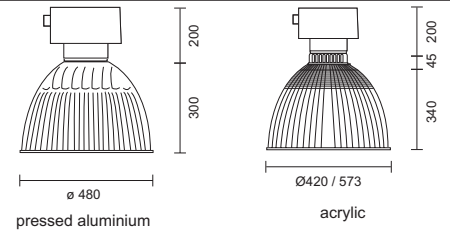


code lamp details

Lotus control gear

7810.125.1	125W MV	E27
7810.250.2	250W MV	E40
7810.400.2	400W MV	E40
7810.150.1	150W MH + HPS	E27
7810.250.1	250W MH + HPS	E40
7810.400.1	400W MH + HPS	E40

Polar curves available on request



Accessories

code details
Pressed aluminium reflector **ONLY**
for Lotus bay gears



XX/6001 ø 480mm Reflector

code details
Acrylic reflector **ONLY** for Lotus bay
gears



XX/6122/01 22" Reflector
XX/6116/01 16" Reflector

code details
Collar for attaching gear to 16" and 22"
acrylic reflector

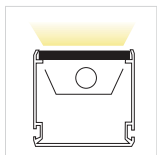


XX/6122/51

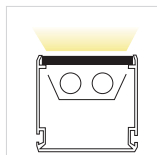


- Outdoor T5 fluorescent light fitting for surface or wall mounting
- Available in the following variations
 - One light symmetric
 - Two light symmetric
 - One light asymmetric
- The body is made in extruded aluminium with an anodised finish
- The diffuser is 6mm thick and made in tempered glass
- Spider also comes complete with die-cast aluminium end caps, silicon gaskets and A4 stainless steel screws
- The cable gland position on the spider allows for the placement of lighting modules close to each other (fig. 1) the modules are wired through for continuous line connection (requires 3983.PC)
- Can be installed on normally flammable surfaces
- Class 2
- IP 65

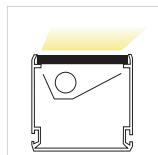
Fig. 1



One Light Symmetric



Two Light Symmetric



One Light Asymmetric

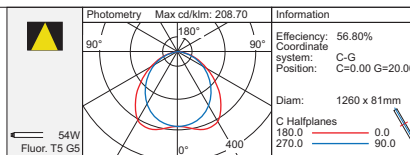




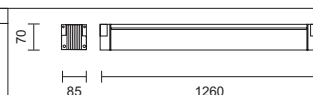
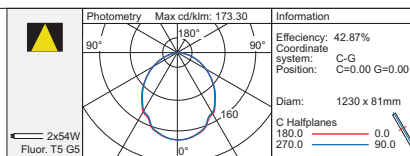
05
Natural anodised



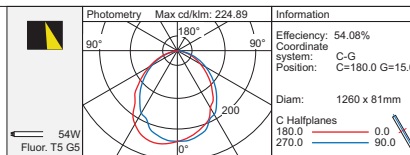
code lamp details
Single lamp symmetric
3983.1 54W 230V G5
Complete with electronic control gear



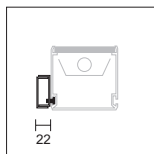
code lamp details
Double lamp symmetric
3983.2 2 x 54W 230V G5
Complete with electronic control gear



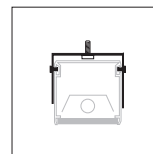
code lamp details
Single lamp asymmetric
3983.3 54W 230V G5
Complete with electronic control gear



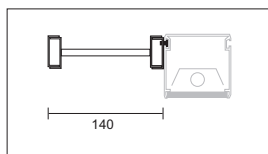
Accessories



code details
Wall mount bracket
3983.AP



code details
Ceiling bracket
3983.DP



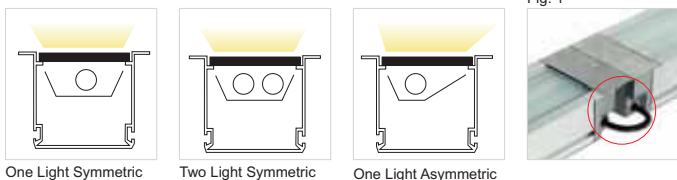
code details
Extended wall bracket
3983.BP



code details
Cable gland IP 65
3983.PC



- Recessed interior/exterior fluorescent light
- Available in the following variations
 - One light symmetric
 - Two light symmetric
 - One light asymmetric
- The body is made in extruded aluminium with an anodised finish
- The diffuser is 6mm thick and made in tempered glass
- Spider comes complete with die-cast aluminium end caps, silicon gaskets and A4 stainless steel screws
- The cable gland position on the spider allows for the placement of lighting modules close to each other (fig. 1) the modules are wired through for continuous line connection (requires 3983.PC)
- Can be installed on normally flammable surfaces
- Class 2
- IP 65



One Light Symmetric

Two Light Symmetric

One Light Asymmetric

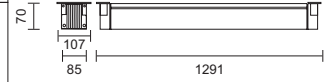
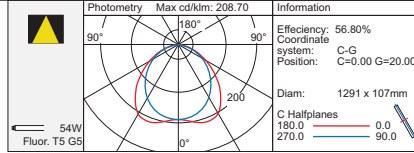
Fig. 1



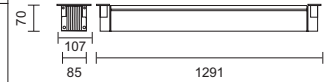
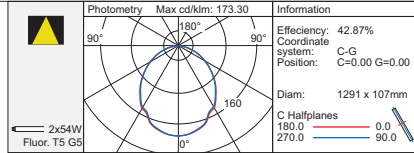
05
Natural anodised



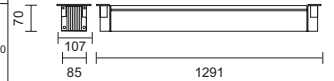
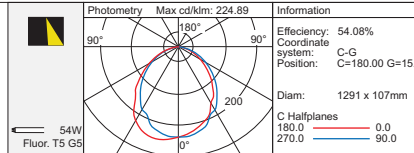
code lamp details
Single lamp symmetric
3982.1 54W 230V G5
Complete with electronic control gear



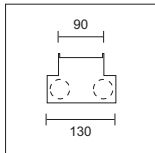
code lamp details
Double lamp symmetric
3982.2 2 x 54W 230V G5
Complete with electronic control gear



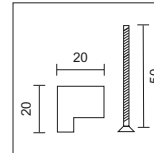
code lamp details
Single lamp asymmetric
3982.3 54W 230V G5
Complete with electronic control gear



Accessories



code details
Recessed housing in galvanised plate
3982.JAD.C54



code details
Fixing hook for ceiling use
3982.DUC.MF3 - pair



code details
Cable gland IP 65
3983.PC

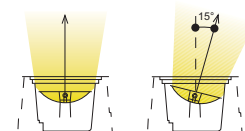
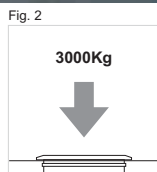


- Recessed ground floodlights suitable for pathways and driveways
- Adjustable symmetrical optics
- Available in the following versions:
Double ended MH
S/ended MH (G12, G8.5, PGJ5)
Compact Fluorescent
- The frame, ring and screws are in stainless steel with the housing and recessed housing in high resistant thermoplastic with a 99.9% pure aluminium reflector
- 15 mm outer tempered glass
- The D/ended MH version has an anti-dazzle "plate screener" in nickel-plated steel
- Materials used to construct these fittings are of high quality and preserve the fitting from oxidising agents
- Designed to withstand static loads of 3000kgs (fig.2) except Achille 190 which can only withstand up to 2000kg

- Fittings include integral control gear
- Can be installed on normally flammable surfaces
- Class 2
- IP 67

INSTALLATION:

- Recessed housing to be ordered separately with the exception of Achille 190
- Fitting can be installed without any fixed reference to the positioning of the inner housing
- Once positioned, the fitting can be installed and rotated 360° (fig.1a)
- Anchorage of housing is assured by a blocking system (fig.1b)
- The junction box located in the lower part of the fitting is independent from the inner body (fig.3)
- Through-wiring with double cable gland is possible
- A third cable gland situated between the box and inside





Stainless Steel Ring/
Black Housing



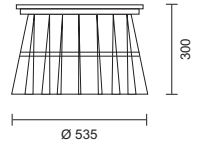
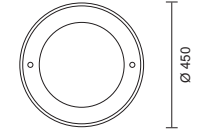
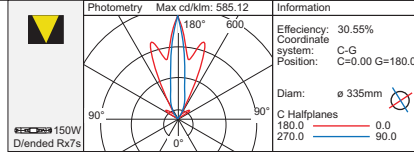
code lamp details
Achille 450 symmetrical double ended metal halide uplighter

- IV/147300 70W 230V Rx7s
- IV/147400 150W 230V Rx7s
- IV/147500 250W 230V FC2



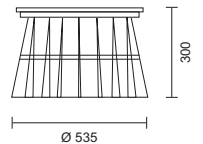
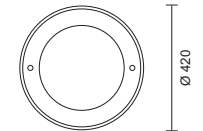
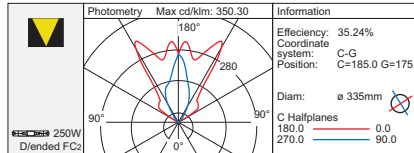
Achille 450 asymmetrical double ended metal halide uplighter

- IV/147600 70W 230V Rx7s
- IV/147700 150W 230V Rx7s
- IV/147800 250W 230V FC2



code lamp details
Achille 450 symmetrical fluorescent uplighter

- IV/147100 2 x 42W 230V Gx24q-4
- IV/147200 2 x 57W 230V Gx24q-5



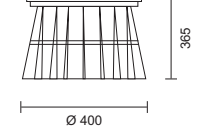
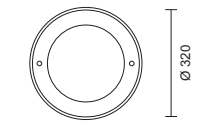
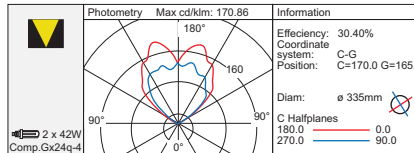
code lamp details
Achille 320 metal halide uplighter

- IV/148400 70W 230V G12
- IV/148500 150W 230V G12
- IV/148600 70W 230V Rx7s
- IV/148700 70W 230V G12 EL



Achille 320 fluorescent uplighter

- IV/148100 32W 230V Gx24q-3
- IV/148200 42W 230V Gx24q-4

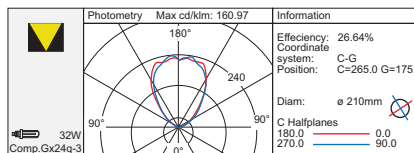
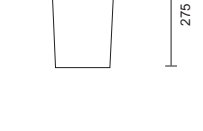
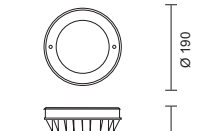
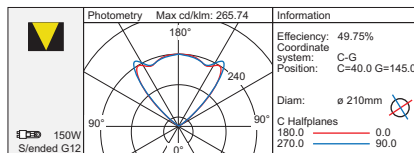


code lamp details
Achille 190 metal halide uplighter

- IV/149100 35W 230V G8.5
- IV/149200 20W 230V PGJ5

Includes recessed housing

Please note: This version can only withstand weights up to 2000kgs



Accessories

code details
Recessed housing for Achille 450/320



- IV/160349 Achille 450
- IV/160348 Achille 320



- Ground recessed fitting perfect for creating natural and architectural ambience
- The housing is made in technopolymer with a polycarbonate diffuser (12mm)
- Available in a ground level and stainless steel version
- Stainless steel ring and screws
- Able to withstand loads of up to 1000kg (fig.1)
- Asymmetrical beam by means of directional grid (see accessories)
- Double EPDM seal
- Anti-dazzle inner glass
- Recessed housing included with fitting
- Can be installed on normally flammable surfaces
- Class 2
- IP 67

to prevent any backwater

- The hole for the supply cable including the PG 11 cable gland is located in the lower part of the inner housing, which needs to be inserted into the recessed box.

- INSTALLATION:**
- Fit and cement the recessed box into the ground or floor
 - Making sure there is enough drainage at the bottom in order

Fig. 1





code lamp details

Polycarbonate recessed fitting

IV/155100 40W 230V E27



Polycarbonate 18W recessed fitting

IV/155401 18W 230V G24q-2

Complete with electronic control gear



code lamp details

Stainless steel 18W recessed fitting

IV/155481 18W 230V G24q-2

Complete with electronic control gear



Stainless steel 40W recessed fitting

IV/155180 40W 230V E27



Accessories



code details

Steel directional grid

IV/95-10807-30



- Recessed LED fitting suitable for multiple applications in traditional or concrete surfaces
- Applications include illumination of paths and driveways both indoors and outdoors and may be used to light up steps in cinemas and theatres
- Can also be used in submersible applications up to 3 metres in depth including swimming pools (fig.1)
- The body and recessed housing are made of high resistance technopolymer with a stainless steel rim
- The screen or diffuser is made of opal polycarbonate
- Utilises 9 LED OSRAM® modules
- High resistance to chemical and atmospheric agents
- Features include energy saving, long life, low maintenance, compact, high luminous efficiency, low heat emission and is easy to install
- Connections may not exceed 30m from gear (fig.2)
- Electronic gear of 10W/24V allows 6 fittings to be connected
- Can be installed on normally flammable surfaces
- Class 3
- IP 68
- 24V only

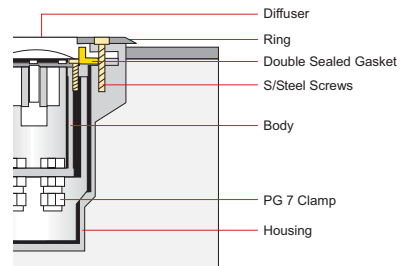
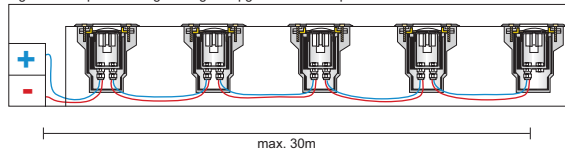


Fig. 2 - Example of through wiring with pg 7 double clamp





39
Stainless
Steel Trim

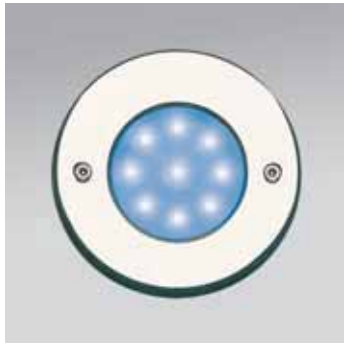
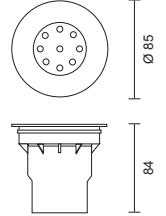
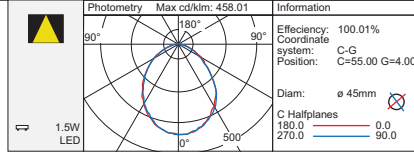


code lamp details

Nauto white LED

5801 1.5W 24V

LED controller required

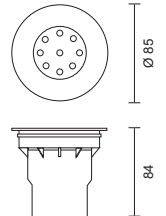
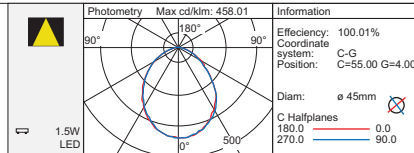
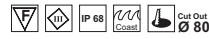


code lamp details

Nauto blue LED

5802 1.5W 24V

LED controller required



Accessories

code details

LED Controller for up to 6 fittings

7312 0-10W 50grms

See transformers, gears and accessories





- Surface or wall mounted exterior T5 fluorescent fitting
- The Tie can be used as a single lighting element or as a continuous line of lights
- The body is made in extruded aluminium and comes complete with die-cast aluminium end caps
- Its ultra-thin shape (32mm) allows for installation in a number of applications
- Asymmetric light output
- The double cable gland at each end allows for easy installation in series (fig. 1)
- The reflector slides out for ease of lamp installation (fig. 2)
- The various wall mount accessories allow for either fixed or adjustable mounting (fig. 3a-b)
- The fitting is supplied complete with electronic ballast
- Can be installed on normally flammable surfaces
- Class 2
- IP 65

Fig. 1



Fig. 2



Fig. 3a

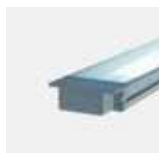
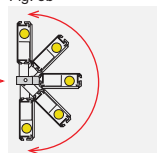


Fig. 3b





Extruded Aluminium

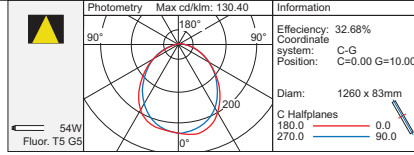


code lamp details

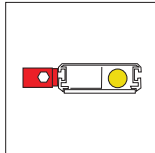
Asymmetric surface fitting

CI/TIE.54MA 54W 230V G5

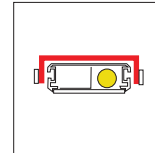
Complete with electronic control gear



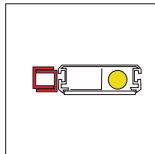
Accessories



code details
Adjustable wall mount
CI/TIE.APR



code details
Ceiling mount bracket
CI/TIE.DP



code details
Fixed wall mount
CI/TIE.AP



code details
Cable glands
CI/JAC.PC

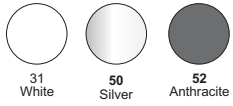


- Exterior/Interior wall fitting
- Available for compact fluorescent and double ended halogen lamps(QI)
- Includes integral electronic fluorescent gear
- The body is made in die-cast aluminium and sealed with a silicon gasket and stainless steel screws (fig. 1).
- The diffuser is made of tempered glass with a bright aluminium reflector (fig.2)
- Reef and Inland installation only.
- Can be installed on normally flammable surfaces
- Class I
- IP 65

Fig. 1

Fig. 2



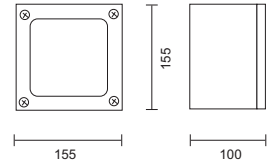


code lamp details

18W Option

4527.1 18W 230V G24d-2

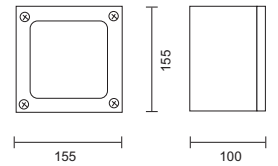
Includes electronic gear



code lamp details

100W QI option

4527.2 100W 230V R7s





PAOLA

- Light fitting for wall and ceiling mounting
- Body is made in phosphor chromatised and polyester powder coated die-cast aluminium
- Available in either a symmetrical or asymmetrical version
- The symmetrical version utilizes a sandblasted tempered glass diffuser whilst the asymmetrical utilizes a clear glass diffuser
- Symmetric and asymmetric optics in polished pure aluminium
- Fitting includes: silicon gasket and exterior A2 stainless steel screws
- Cabling made via two plastic M16 cable glands ($\varnothing < 10\text{mm}$ cables)
- Can be installed on normally flammable surfaces
- Class 1
- IP 65

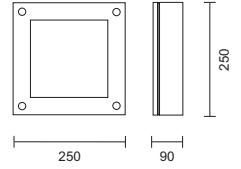
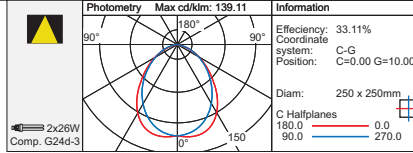
PAOLINA

- Compact light fitting for wall and ceiling mounting
- Body is made in phosphor chromatised and polyester powder coated die-cast aluminium
- Available in either a symmetrical, asymmetrical or directional louvre version
- The symmetrical and directional louvre version come complete with a sandblasted glass diffuser whilst the asymmetrical version complete with a clear glass diffuser
- The fitting utilizes pure aluminium optics
- Fitting includes: silicon gasket and exterior A2 stainless steel screws
- Cabling via a plastic M16 cable gland ($\varnothing < 10\text{mm}$ cables)
- Can be installed on normally flammable surfaces
- Class 1
- IP 65

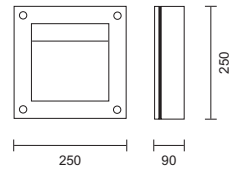
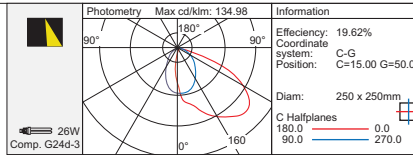




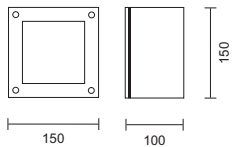
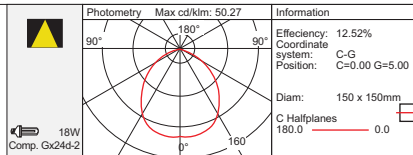
code lamp details
Paola symmetrical wall/ceiling fitting
AR/891600 2 x 26W 230V G24d-3
 Includes integral control gear



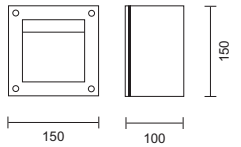
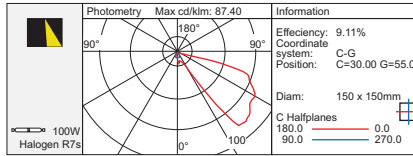
code lamp details
Paola asymmetrical wall/ceiling fitting
AR/890914 26W 230V G24d-3
 Includes integral control gear



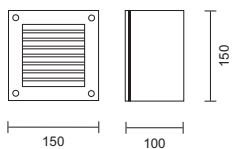
code lamp details
Paolina symmetrical wall/ceiling fitting
AR/892323 18W 230V Gx24d-2
 Includes integral control gear



code lamp details
Paolina asymmetrical wall/ceiling fitting
AR/891814 100W 230V R7s
 Includes integral control gear



code lamp details
Paolina directional louvre wall/ceiling fitting
AR/892305 18W 230V Gx24d-2
 Includes integral control gear





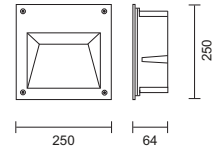
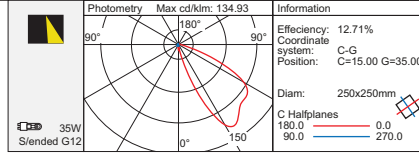
- Recessed footlight for wall mounted applications
- Body is made in polyester powder coated die-cast aluminium phosphor-chrome treated with a hardened glass diffuser
- Fitting includes: silicon gasket and exterior A2 stainless steel screws
- Cabling made via two IP 65 cable holders (Ø10mm max) (fig. 1)
- Fitting must be installed using box (see accessories)
- Comes complete with built-in gear
- Extruding face plate 6mm thick
- Can be installed on normally flammable surfaces
- Class 1
- IP 54

Fig. 1

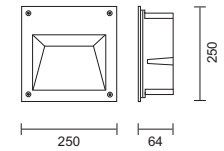
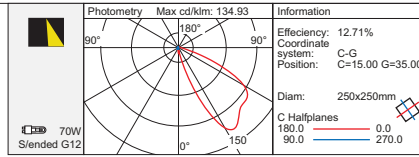




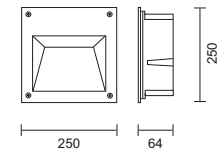
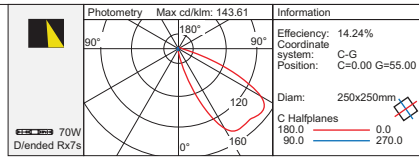
code lamp details
35W Single ended metal halide
AR/823500 35W 230V G12
 Includes integral control gear



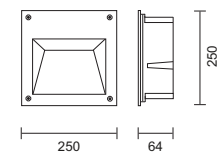
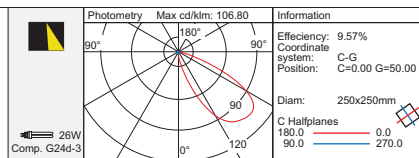
code lamp details
70W Single ended metal halide
AR/827100 70W 230V G12
 Includes integral control gear



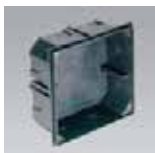
code lamp details
70W Double ended metal halide
AR/822900 70W 230V Rx7s
 Includes integral control gear



code lamp details
26W Compact fluorescent
AR/820900 26W 230V G24d-3
 Includes integral control gear



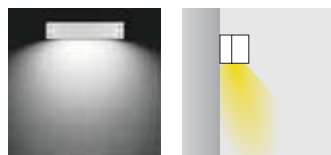
Accessories



code details
Alfia box for mounting
AR/60 250 x 250 x 110mm

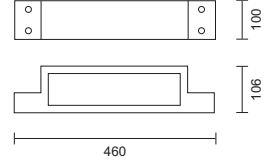
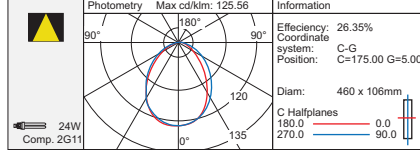


- Exterior wall light fitting
- Simple design
- Body is made in phosphor chromatised and polyester powder coated die-cast aluminium
- Utilizes a wide diffuser area of 80 x 325 millimetres
- Fitting includes: silicon gasket and exterior A2 stainless steel screws
- Cabling made via two plastic M16 cable glands (10mm cables)
- Can be installed on normally flammable surfaces
- Class 1
- IP 65





code lamp details
Wall light with wide glass window
AR/981700 24W 230V 2G11
 Includes integral control gear





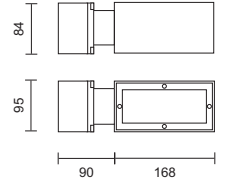
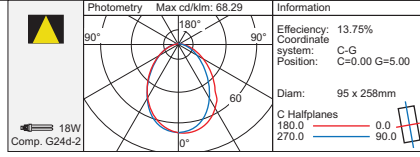
- Suitable for wall, floor or ceiling mounting
- Body is made in polyester powder coated die-cast aluminium with a tempered glass diffuser
- Fitting includes silicon gasket and exterior A2 stainless steel screws
- Cabling made via a plastic M16 cable gland ($\varnothing < 9\text{mm}$ cable) located on back of fitting
- Can be installed on normally flammable surfaces
- Class 1
- IP 65





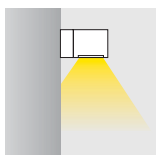
code lamp details
Rectangular wall/floor/ceiling fitting

AR/680746 18W 230V G24d-2
 Includes integral control gear



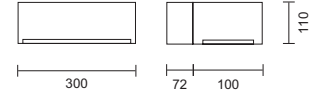
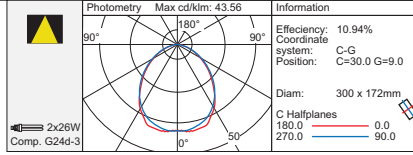


- Outdoor light fitting for wall mounted applications
- The body is made in polyester powder coated aluminium with a frosted sandblasted glass diffuser
- Silicon o-ring seals
- Exterior screws exposed to atmospheric agents are in stainless steel
- Available in a unidirectional: mono-light or bidirectional: double-light version
- Cabling made via a rubber cable holder for $\varnothing < 10\text{mm}$ cables
- Can be installed on normally flammable surfaces
- Class 1
- IP 54

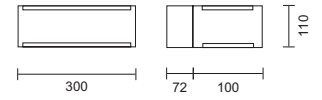
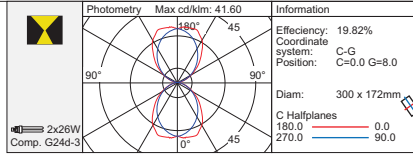




code lamp details
Wall mounted mono-light
AR/691621 2 x 26W 230V G24d-3
 Includes integral control gear



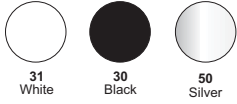
code lamp details
Wall mounted double-light
AR/691622 2 x 26W 230V G24d-3
 Includes integral control gear



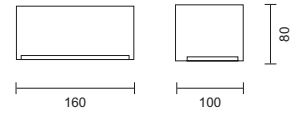
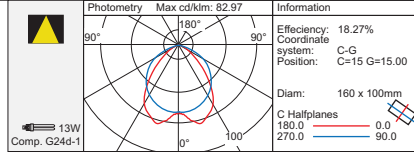


- For outdoor wall mounted applications
- Body is made in powder coated aluminium with a frosted glass diffuser
- Silicon o-ring seals
- Stainless steel external screws
- Available in mono-light or double-light versions
- Fitted with one cable input
- Can be installed on normally flammable surfaces
- Class 1
- IP 54

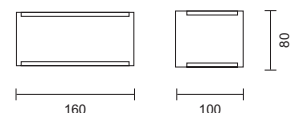
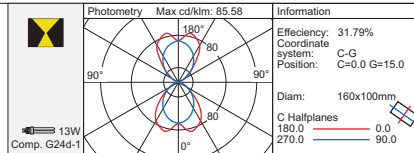




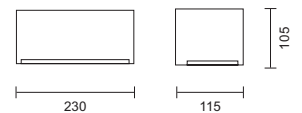
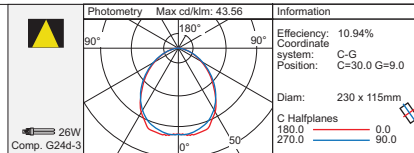
code lamp details
Zelda - up or down light
4521/50 13W 230V G24d-1
4521/31 13W 230V G24d-1
4521/30 13W 230V G24d-1
 Includes integral control gear



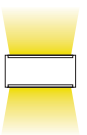
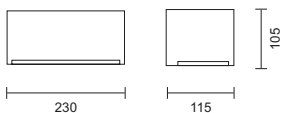
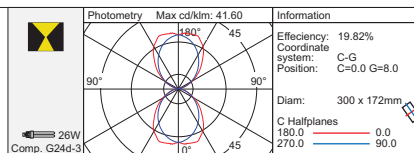
code lamp details
Zelda - up/down light
4522/50 13W 230V G24d-1
4522/31 13W 230V G24d-1
4522/30 13W 230V G24d-1
 Includes integral control gear



code lamp details
Zelda Maxi - up or down light
4525/50 26W 230V G24d-3
4525/31 26W 230V G24d-3
4525/30 26W 230V G24d-3
 Includes integral control gear



code lamp details
Zelda Maxi - up/down light
4526/50 26W 230V G24d-3
4526/31 26W 230V G24d-3
4526/30 26W 230V G24d-3
 Includes integral control gear





- Range of outdoor bulkheads
- Simple design and shape with excellent light emission
- Body made in thermoplastic material with frosted polycarbonate diffuser and matt opal diffuser on the Ilse
- Stainless steel screws
- Utilizes various lamp sources
- All compact fluorescent versions include a magnetic ballast
- Remove the Ilse diffuser by lifting the white clip upward toward the diffuser (fig. 1a-b)
- Can be installed on normally flammable surfaces
- Class 1
- IP 54
- IP 44 (Ilse)

16W Light output

Energy consumption

Lamp life

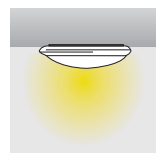
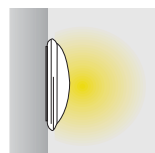
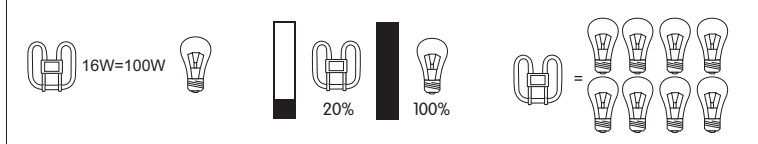




Fig. 1a

Fig. 1b

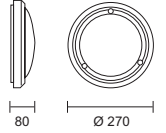
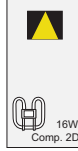


- | | |
|--|---|
|  |  |
| 31
White | 50
Aluminium |
| 4496 | 4496 |
| 4497 | |
| 4498 | |
| 4499 | |
| 4506 | |
| 4507 | |



code lamp details

Susan bulkhead
4496.116 16W 230V 2D
 Includes magnetic control gear

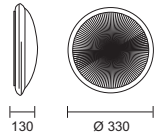


4496.209 2 x 9W 230V G23
 Includes magnetic control gear



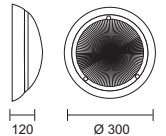
code lamp details

Lisa bulkhead
4497.175 75W 230V E27
Emily bulkhead
4498.218 2 x 18W 230V G24d-2
 Includes magnetic control gear



code lamp details

Ava bulkhead
4499.175 75W 230V E27

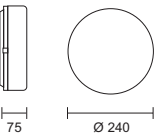


4497.209 2 x 9W 230V G23
 Includes magnetic control gear

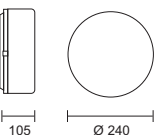


code lamp details

Ilse Fluorescent 2D option
4506.116 16W 230V 2D
 Includes magnetic control gear

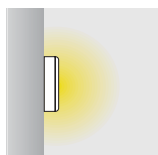


Ilse E27 option
4507.175 75W 230V E27





- Fitting for wall or ceiling mounted applications
- Body and diffuser is made in white plastic
- Available in two basic shapes square and Ciao
- Complete with lamps
- Can be installed on normally flammable surfaces
- Class 1
- IP 43





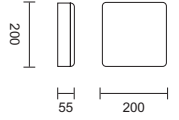
White

code lamp details

Square

4850 9W 230V G23

Includes integral electronic control gear and lamps

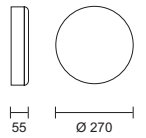


code lamp details

Round

4851 2 x 9W 230V G23

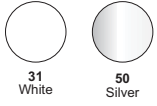
Includes integral electronic control gear and lamps





- Fitting for wall and ceiling mounted applications
- Body is made in die-cast aluminium with a glass diffuser
- Available in two designs Thor plain and Thor cross
- Can be installed on normally flammable surfaces
- Class 1
- IP 44



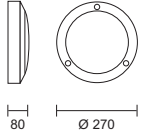


code lamp details

Thor plain

4403 2 x 9W 230V G23

Includes integral control gear

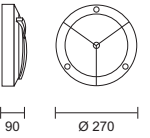


code lamp details

Thor cross

4404 2 x 9W 230V G23

Includes integral control gear



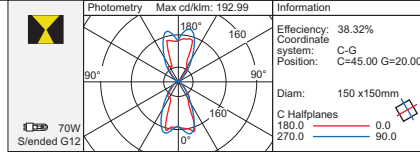


- For outdoor wall mounted applications
- The body is made in polyester powder coated die-cast aluminium with a tempered glass diffuser
- Silicon o-ring seals
- Stainless steel external screws
- Available in a bidirectional mono-lamp or double-lamp version
- Protection against impact: IK 08 - 5,00 joule
- Cabling made via a rubber cable holder for $\varnothing < 10\text{mm}$ cables
- Can be installed on normally flammable surfaces
- Class 1
- IP 54

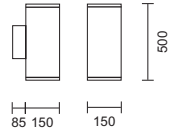
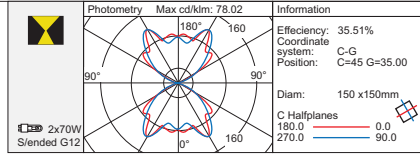




code lamp details
Bidirectional mono-lamp
AR/737100 70W 230V G12
 Includes integral control gear



code lamp details
Bidirectional double-lamp
AR/727200.2 2 x 70W 230V G12
 Includes integral control gear



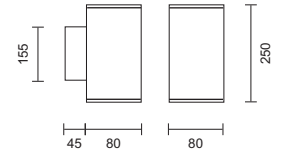
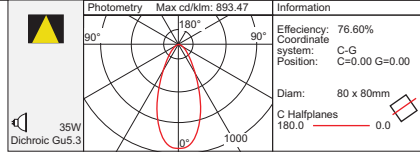


- 12V Wall mounted luminaire
- The body is made in polyester powder coated die-cast aluminium with a tempered transparent glass diffuser
- Sealed with a silicon gasket and stainless steel allen cap screws
- Available in a unidirectional: mono-light or bidirectional: double-light version
- Cabling made via a rubber cable holder for $\varnothing < 10\text{mm}$ cables.
- Comes complete with integral transformer
- Can be installed on normally flammable surfaces
- Class 1
- IP 54

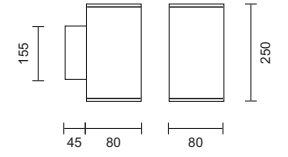
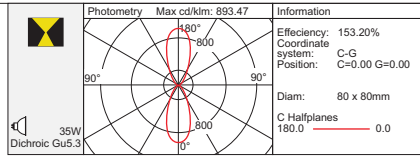




code lamp details
AR/703321 35W 12V Gu5.3
 Includes integral transformer



code lamp details
AR/703342 35W 12V Gu5.3
 Includes integral transformer





- Range of surface and wall mounted downlighters
- Includes control gear/transformers
- Can be installed on normally flammable surfaces
- Class 1

- safety glass diffuser
- Sealed using stainless steel allen key screws and silicone gasket
- IP 54

Wall mounted version

- Body is made in extruded aluminium with a sandblasted glass diffuser
- Stainless steel allen type screws
- Up and downlighter
- IP 54

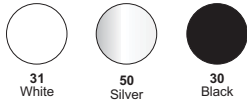
Mini surface mounted version

- Body is made in extruded aluminium with a sandblasted glass diffuser
- Stainless steel allen type screws
- For ceiling or other surface applications
- IP 54

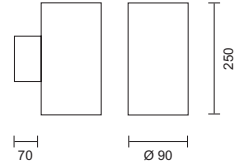
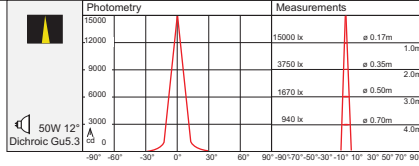
Surface mounted version

- Body is made in die-cast aluminium with a tempered

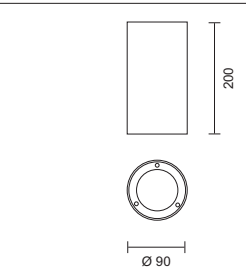
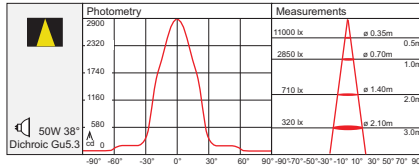




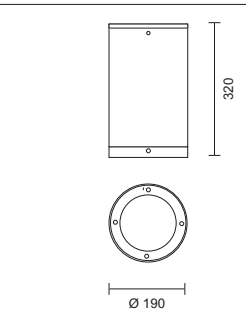
code lamp details
4625 2 x 50W 12V Gu5.3
 Includes integral transformer



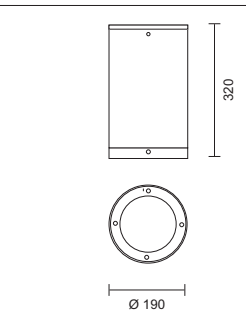
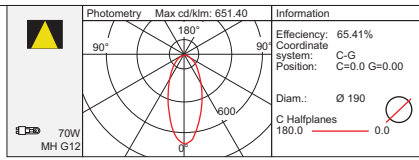
code lamp details
4624 50W 12V Gu5.3
 Includes integral transformer

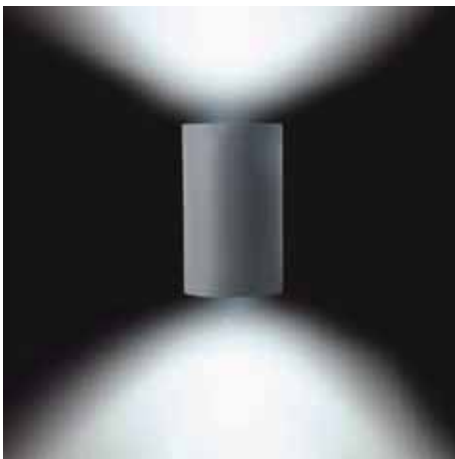


code lamp details
4631.35 35W 230V G12
 Includes integral control gear



code lamp details
4631.70 70W 230V G12
 Includes integral control gear

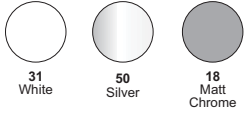




- Outdoor luminaire for metal halide lamps
- Symmetrical light output
- The body is made in powder coated aluminium
- The diffuser is made in tempered glass
- The fitting is sealed using a silicone gasket and allen key screws (fig. 1)
- Includes integral metal halide gear
- Available in two versions up/down and up or down
- Can be installed on normally flammable surfaces
- Class I
- IP 65

Fig. 1

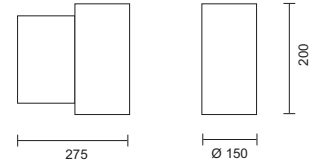
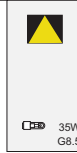




code lamp details
Ada Medium up or down

4619.1.35 1 x 35W 230V G8.5
4619.1.70 1 x 70W 230V G8.5

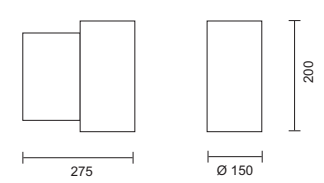
Includes MH gear



code lamp details
Ada Medium up/down

4619.2.35 1 x 35W 230V G8.5
4619.2.70 1 x 70W 230V G8.5

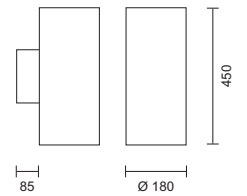
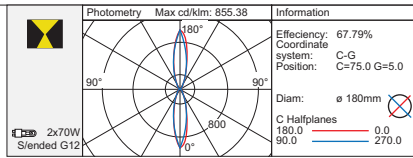
Includes MH gear



code lamp details
Ada Maxi Large bidirectional light

4620 2 x 70W 230V G12

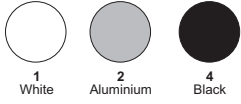
Includes integral control gear



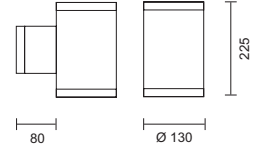
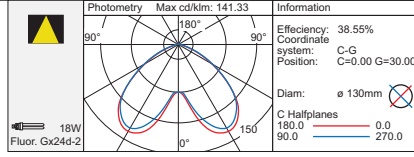


- For outdoor wall mounted applications
- The body is made in polyester powder coated die-cast aluminium with a tempered glass diffuser
- Silicon o-ring seals
- Stainless steel external screws
- Available in a unidirectional version and a bidirectional version
- Can be installed on normally flammable surfaces
- Class 1
- IP54

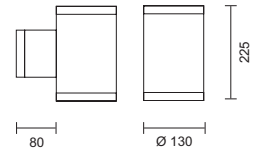
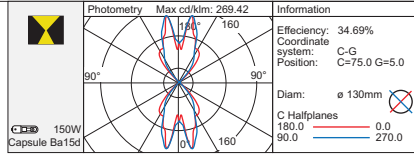




code lamp details
Unidirectional mono-light
AR/152321 18W 230V Gx24d-2
 Includes integral ballast



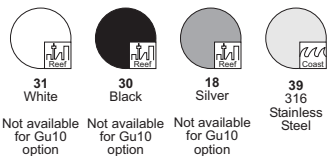
code lamp details
Bidirectional double-light
AR/152022 150W 230V Ba15d





- 12V/230V Wall mounted luminaire
- The body is made in die-cast aluminium painted in three different colours or stainless steel (Grade 316)
- Available in a direct or indirect version and a direct and indirect version
- **Available for both 12V and 230V dichroic lamps**
- Can be installed on normally flammable surfaces
- Class 1
- IP 44





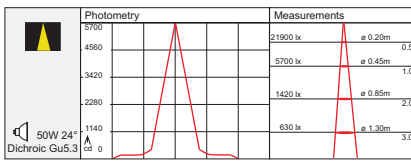
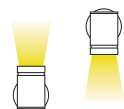
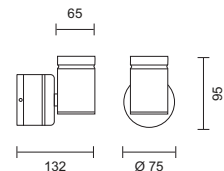
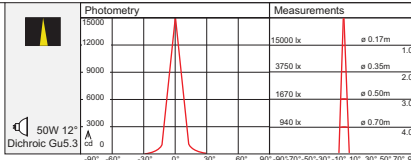
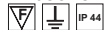
code lamp details

Wall mount up or downlighter

DY/5021 35W 12V Gu5.3

Includes integral transformer

DY/5023 35W 230V Gu10



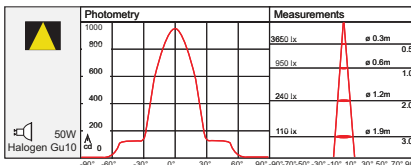
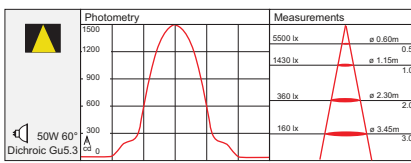
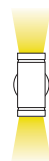
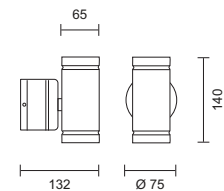
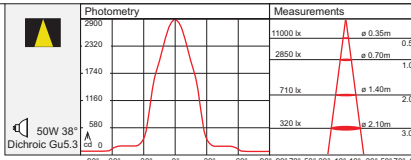
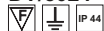
code lamp details

Wall mount up and downlighter

DY/5022 2 x 20W 12V Gu5.3

Includes integral transformer

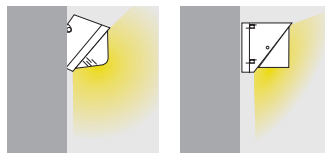
DY/5024 2 x 35W 230V Gu10



Divide by 37% to get 35W/Gu10 output



- Wall mounted outdoor fitting
- Body made in die-cast aluminium with a prismatic glass diffuser
- Lamp types include metal halide, high pressure sodium, mercury vapour and compact fluorescent
- Available in a small, medium and large version
- Can be installed on normally flammable surfaces
- Class 1
- IP 55





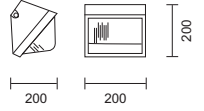
51
European
Grey



code lamp details

Butler small

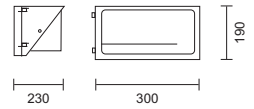
4407 MH/HPS 70W 230V E27
4417 MV 80W 230V E27
4427 Comp. 2 x 26W 230V G24d-3



code lamp details

Butler medium

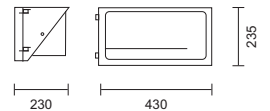
4438 MH/HPS 70W 230V E27
4418 MV 80W 230V E27
4428 MV 125W 230V E27
4424 Comp. 2 x 26W 230V G24d-3



code lamp details

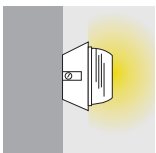
Butler large

4439 MH/HPS 150W 230V E27
4409 MH/HPS 250W 230V E40
4419 MV 125W 230V E27
4429 MV 250W 230V E40





- Wall mounted outdoor fitting
- Body made in die-cast aluminium with a prismatic polycarbonate diffuser
- Lamp types include metal halide or high pressure sodium, mercury vapour and compact fluorescent
- Available in a small and large version
- Can be installed on normally flammable surfaces
- Class 1
- IP 55





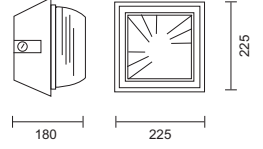
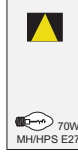
51
European Grey



code lamp details

Spirit small

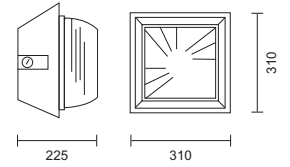
4405 MH/HPS 70W 230V E27
4425 MV 80W 230V E27
4435 Comp. 2 x 26W 230V G24d-3



code lamp details

Spirit large

4406 MH/HPS 150W 230V E27
4426 MV 125W 230V E27





MIDI

- 230V Led footlight
- The body is made in die-cast aluminium with a clear glass diffuser
- Sealed using a silicon gasket
- Utilises a 1W LED with a lamp life of +/- 50000hrs
- The fitting is available in silver or white
- No transformer required
- Can be installed on normally flammable surfaces
- Class 1
- IP 54

HORIZON

- Recessed LED footlight for outdoor or indoor applications
- Body made in anodized aluminium with a glass diffuser
- Fixing steel spring clips
- Wiring via two cable glands
- Can be installed on normally flammable surfaces
- Class 2
- IP 54

INSTALLATION

- Remove back panel from fitting and wire up (fig.1 and 2)
- Reattached to the front of the fitting and via the front end, screw the fitting to the wall (fig. 3a/b)

Fig. 1



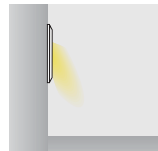
Fig. 2

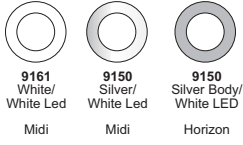


Fig. 3a

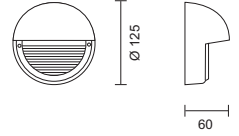
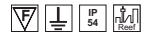


Fig. 3b

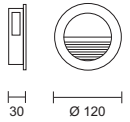


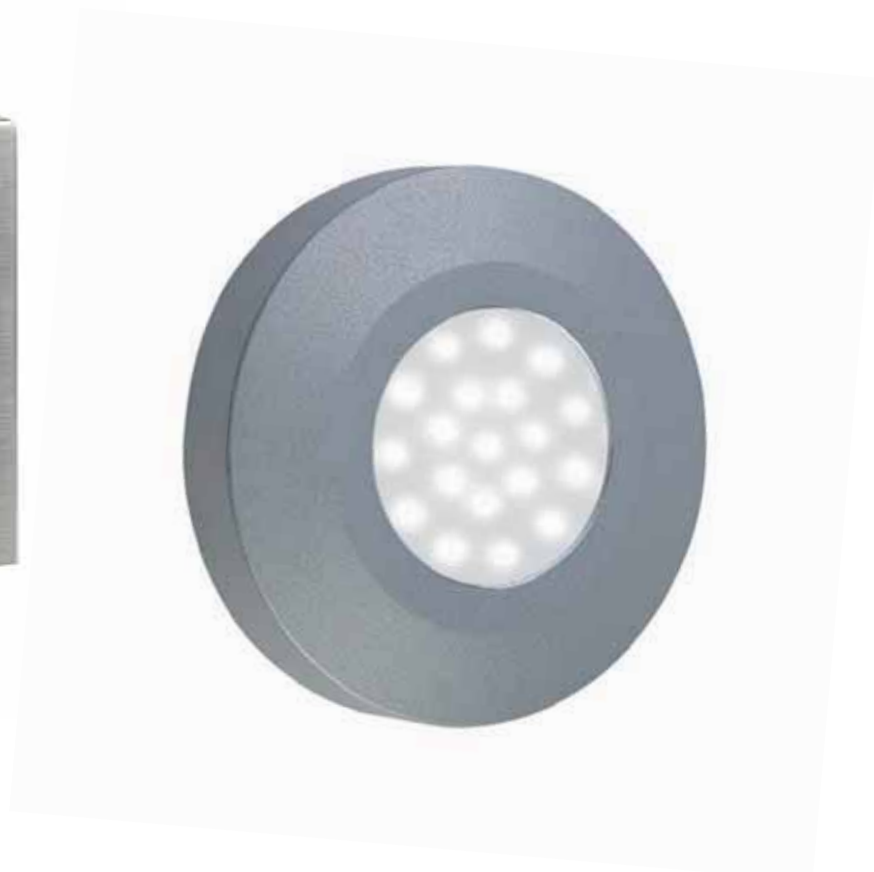


code lamp details
Midi 230V LED lamp
4492 1W 230V



code lamp details
Horizon round LED footlight
4480 1.2W 230V
 Integral LED controller





BLOB

- LED surface mounted light
- Can be installed on normally flammable surfaces
- Class 1
- IP 54
- Available in two versions Blob small and Blob large

Blob Small

- Body made in painted aluminium with a clear glass diffuser
- Stainless steel outer frame
- Utilizes 9 low wattage powerful LED's rated at 0.07W each

Blob Large

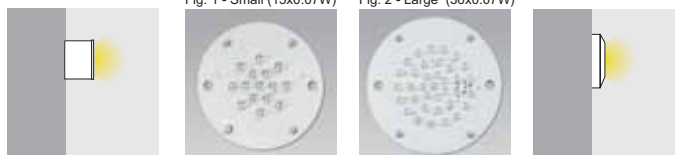
- Body made in painted aluminium with a frosted glass diffuser
- Powder coated outer frame
- Utilizes 16 low wattage powerful LED's rated at 0.07W each

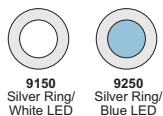
OBLO

- Low wattage powerful LED surface mounted fitting
- Body made in powder coated aluminium with a clear glass diffuser
- Available in two versions Oblo small and Oblo large
- Covering ring screws onto body for very easy installation
- No exterior screws required
- Refer to figures 1 and 2 for LED arrangements
- Can be installed on normally flammable surfaces
- Class 3
- IP 54
- 12V only

Fig. 1 - Small (15x0.07W)

Fig. 2 - Large (36x0.07W)



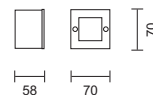


code lamp details

Blob - Small

4489 0.63W 230V

Integral LED controller

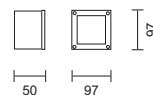


code lamp details

Blob - Large

4488 1.12W 230V

Integral LED controller

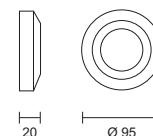


code lamp details

Oblo - Small

4490 1.05W 12V

7319 Transformer required

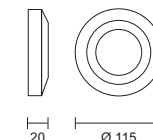


code lamp details

Oblo - Large

4491 2.52W 12V

7319 Transformer required



Accessories

code details weight

JOLLY LED Controller

7319

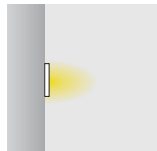
See transformers, gears and accessories



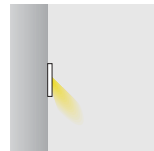


- Recessed LED footlight/wall washer for outdoor or indoor applications
- Body made in painted aluminium with a frosted glass diffuser
- Powder coated outer ring
- Available in two versions plain and downface
- Utilizes 12 low wattage powerful LED's rated at 0.07W each
- Can be installed on normally flammable surfaces
- Class 1
- IP 54

Plain



Downface





9150
Silver Ring/
White LED



9250
Silver Ring/
Blue LED



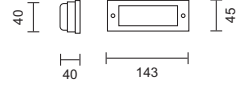
code lamp details

Plain recessed footlight

4485 0.84W 230V

Integral LED controller

Cut Out
140 x 40



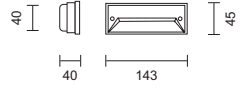
code lamp details

Downface recessed footlight

4484 0.84W 230V

Integral LED controller

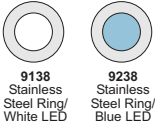
Cut Out
140 x 40





- Recessed LED footlight for outdoor or indoor wall applications
- Body made in aluminium with an opal perspex diffuser and a stainless steel (Grd 316) outer ring
- Moulded plastic housing with fixing steel spring clips
- Available in two versions Rect plain and Rect grid
- Both versions are available in small and large sizes with either white or blue LED's
- The small version utilizes 12 low wattage powerful LED's rated at 0.07W each and the larger one uses 16 LED's
- Can be installed on normally flammable surfaces
- Class 1
- IP 54





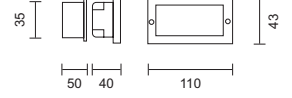
9138 Stainless Steel Ring/White LED
9238 Stainless Steel Ring/Blue LED



code lamp details
Small plain recessed foot/wall-light

4472 0.84W 230V

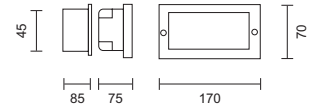
Integral LED controller



code lamp details
Large plain recessed foot/wall-light

4474 1.12W 230V

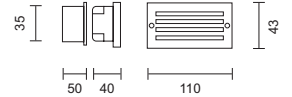
Integral LED controller



code lamp details
Small grid recessed foot/wall-light

4471 0.84W 230V

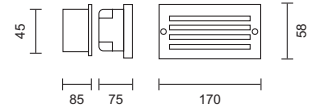
Integral LED controller



code lamp details
Large grid recessed foot/wall-light

4473 1.12W 230V

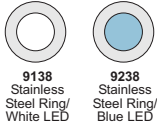
Integral LED controller





- Recessed LED footlight for outdoor or indoor wall mounted applications
- Body made in aluminium with an opal perspex diffuser and a stainless steel (Grd 316) outer ring
- Moulded plastic housing with fixing steel spring clips
- Available in two versions Quad plain and Quad grid
- Small and large formats available in either white or blue LED's
- The small versions utilise 9 LED's with a total wattage of 0.8W and the larger versions utilise 16 LED's with a total wattage of 1.5W
- Can be installed on normally flammable surfaces
- Class 1
- IP 54





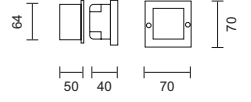
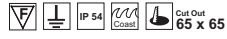
9138 Stainless Steel Ring/White LED
9238 Stainless Steel Ring/Blue LED



code lamp details
Small plain recessed foot/wall-light

4476 0.8W 230V

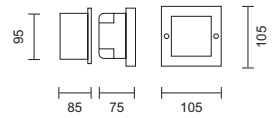
Integral LED controller



code lamp details
Large plain recessed foot/wall-light

4478 1.5W 230V

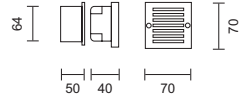
Integral LED controller



code lamp details
Small grid recessed foot/wall-light

4475 0.8W 230V

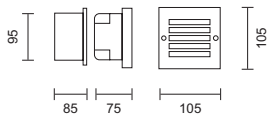
Integral LED controller



code lamp details
Large grid recessed foot/wall-light

4477 1.5W 230V

Integral LED controller





- Recessed LED footlight for outdoor or indoor applications
- Body made in powder coated aluminium with a glass diffuser
- Available in two sizes wide and narrow, both in either a white or blue LED
- Fixing spring clip
- Can be installed on normally flammable surfaces
- Class 2
- IP 54





9150
Silver Body/
White LED



9250
Silver Body/
Blue LED

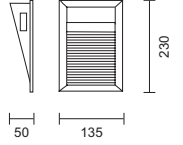


code lamp details
Wide recessed LED footlight

4482 1.2W 230V

Integral LED controller

115 x 210

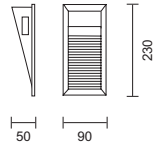


code lamp details
Narrow recessed LED footlight

4481 1.2W 230V

Integral LED controller

65 x 210





- Low voltage LED footlight
- Ideal for exterior and interior applications
- Body and housing made in polycarbonate with an opal polycarbonate diffuser
- EDPM seals
- Exposed screws in stainless steel
- Recessed depth is 46 millimetres (fig.1)
- Available in two LED colours namely white and blue.
- LED controller required (see accessories)
- A controller of 10W can supply 4 fittings
- Can be installed on normally flammable surfaces
- Class 3
- IP 65
- 24V only

Fig. 1





20
Silver
Frame

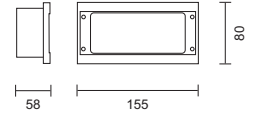


code lamp details

White LED footlight

15931 2.4W 24V

200 grms Cut Out 146.5 x 71

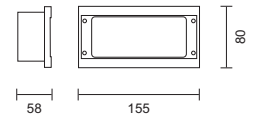


code lamp details

Blue LED footlight

15964 2.4W 24V

200 grms Cut Out 146.5 x 71



Accessories



code details

LED Controller for up to 4 fittings

7312 0-10W 50grms

See transformers, gears and accessories



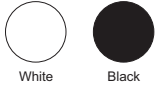
- Footlight for recessed installations
- Body and box made in high-resistant thermoplastic with an aluminium reflector and tempered glass diffuser
- Exposed screws in stainless steel
- Recessed depth is 72 millimetres (fig.1)
- Available in two versions Series 500 plain and Series 500 grill for directional lighting
- High protection rating against the ingress of dust and jets of water
- Can be installed on normally flammable surfaces
- Class 1
- IP 65

INSTALLATION:

- After fixing the recessed box into the wall insert the body of the fitting into the installed box
- Body can be adjusted to correct imperfections in the installed position of the box and cutout

Fig. 1



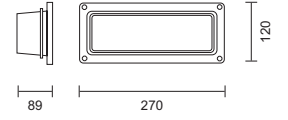


code lamp details

Plain recessed footlight in 18W

150200 black 18W 230V G24d-2
150201 white 18W 230V G24d-2

1.4 kg/s

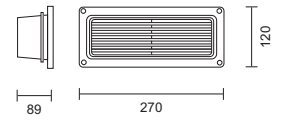


code lamp details

Grill recessed footlight in 18W

150210 black 18W 230V G24d-2
150211 white 18W 230V G24d-2

1.5 kg/s



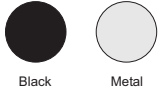


- Exterior bollard
- Body made in polyester painted extruded aluminium
- The diffuser is made of UV resistant polycarbonate and available in clear and opal (fig.1)
- Available for compact fluorescent lamps
- Includes electronic gear
- Sealed using silicone gasket and stainless steel screws
- Various accessories are available to create you required lighting effect
- Can be installed on normally flammable surfaces
- Class 2
- IP66

Fig. 1a

Fig. 1b

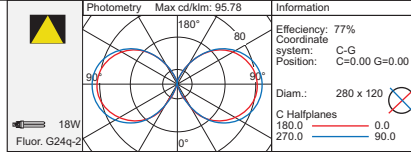




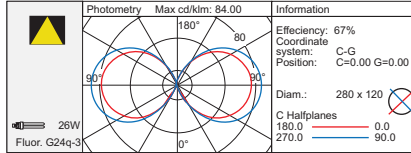
code lamp details

Clear Diffuser

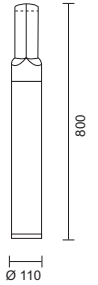
IV/190211 black 18W 230V G24q-2
Includes electronic gear
IV/190212 metal 18W 230V G24q-2
Includes electronic gear



IV/190311 black 26W 230V G24q-3
Includes electronic gear
IV/190312 metal 26W 230V G24q-3
Includes electronic gear



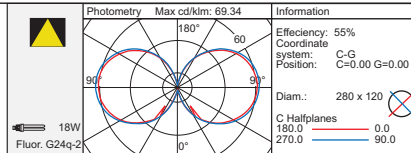
IV/190011 black 21W 230V E27
Includes electronic gear
IV/190012 metal 21W 230V E27
Includes electronic gear



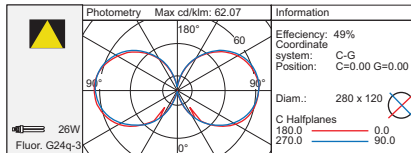
code lamp details

Opal Diffuser

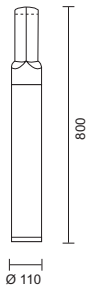
IV/190201 black 18W 230V G24q-2
Includes electronic gear
IV/190202 metal 18W 230V G24q-2
Includes electronic gear



IV/190301 black 26W 230V G24q-3
Includes electronic gear
IV/190302 metal 26W 230V G24q-3
Includes electronic gear



IV/190001 black 21W 230V E27
Includes electronic gear
IV/190002 metal 21W 230V E27
Includes electronic gear



Accessories

code details

Refractor

IV/160700

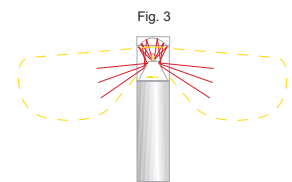
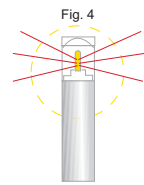


code details

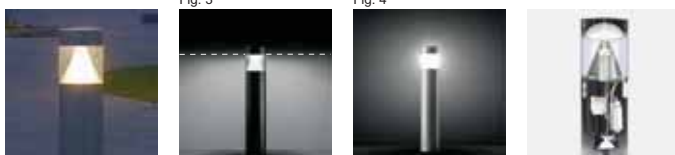
Directional screen

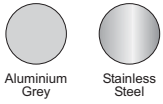
IV/160600





- Bollard suitable for interior or exterior use due to high quality, corrosion resistant material and IP66 rating
- The body is made of stainless steel or triple powder coated aluminium with a die-cast aluminium grounding base complete with ground leveling adjustment device
- Diffuser made in UV stabilized transparent polycarbonate
- Reflector in high purity aluminium anodised and polished
- High quality body is ideal for marine applications
- Possibility of in series connection
- Technopolymer wiring connection box and gear housing complete with switch splitter to disconnect electrical supply on opening
- Anti-tearing cable gland and anti-ageing silicon joints
- Stainless steel external screw
- Easy installation (fig.1)
- Quick maintainance (fig.2)
- As sold the fitting must not be buried however should you want to do so, accessories are available
- 180° emission (fig.3) for KHA 35W and 70W MH lamps, with zero upward light above the horizontal (180°)
- Pleasant and charming lighting effect, very comfortable and non-glaring
- No light pollution towards the sky allowing installation near astronomic and astrophysical observatories
- 360° emission (fig.4) for KHA 26-42W compact fluorescent lamps, with 360° radiated light distribution
- Anti-dazzle accessory is available for controlled downward light
- IP 66
- Class 1





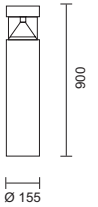
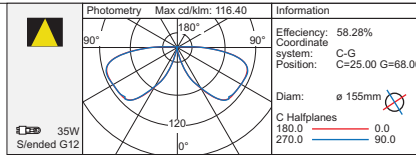
SB05152694 SB05153304
 SB05152794 SB05151504
 SB05150894 SB05153604
 SB05150994 SB05151804
 SB05153094
 SB05151294



code lamp details

KHA 9; 900mm bollard

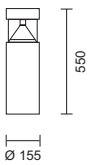
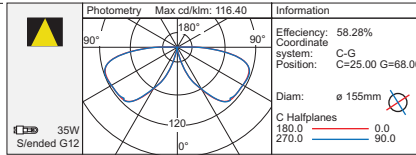
SB05152696 35W 230V G12
SB05152796 70W 230V G12
SB05153304 70W 230V G12



code lamp details

KHA 5; 550mm bollard

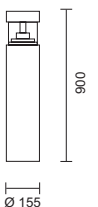
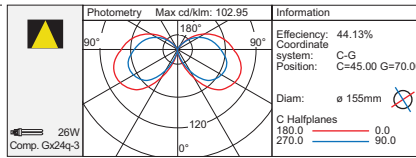
SB05150894 35W 230V G12
SB05150994 70W 230V G12
SB05151504 70W 230V G12



code lamp details

KHA 9; 900mm bollard

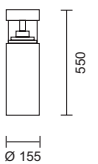
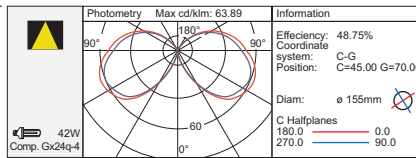
SB05153094 26W 230V Gx24q-3
 32W 230V Gx24q-3
 42W 230V Gx24q-4
SB05153604 26W 230V Gx24q-3
 32W 230V Gx24q-3
 42W 230V Gx24q-4



code lamp details

KHA 5; 550mm bollard

SB05151294 26W 230V Gx24q-3
 32W 230V Gx24q-3
 42W 230V Gx24q-4
SB05151804 26W 230V Gx24q-3
 32W 230V Gx24q-3
 42W 230V Gx24q-4



Accessories

code details
Anti-dazzle louvre
 (Only for compact fluorescent versions)
SB14049820

code details
Aluminium sheet cowl
SB14049720 (Limits light output to 200°)

code details
Frosted glass sleeve for diffused light emission
 (Only for compact fluorescent versions)
SB14049920



- Slimline bollard suitable for interior or exterior use
- The body and cover is made in polyester powder coated extruded aluminium with a UV stabilized technopolymer diffuser and a high purity aluminium reflector
- Reflector provides low glare light control and avoids reflection back onto lamp to improve longevity
- High corrosion resistant fitting for harsh ambient conditions including coastal and marine environments
- Utilizes a double reflector optical system for downward light distribution below the horizontal with zero upward light pollution (fig.1)
- Anti-ageing silicone rubber gaskets
- Polyamide connection box with M16x1.5 anti-tearing IP68 cable gland (diam. 5-10mm)
- Includes a die-cast aluminium floor fixing base which remains hidden once fitted
- Stainless steel external screws
- Can be installed on normally flammable surfaces
- Class 2
- IP 66

Fig. 1

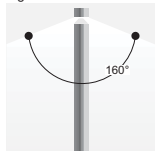
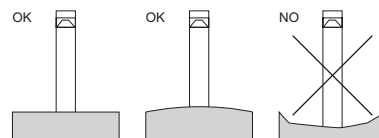
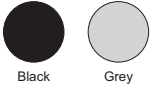


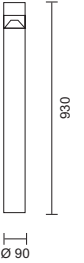
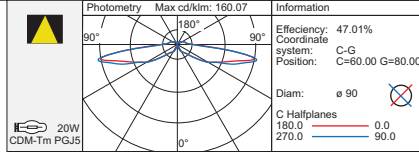
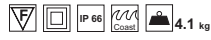
Fig.2 - Fixing Base





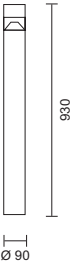
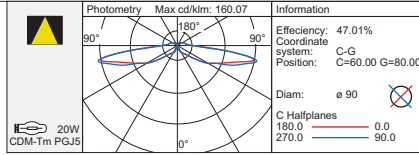
code lamp details

Kha Slim in black
SB05192981 20W 230V PGJ5



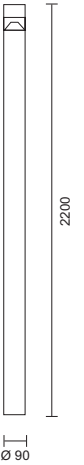
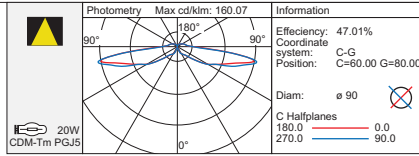
code lamp details

Kha Slim in grey
SB05192896 20W 230V PGJ5



code lamp details

Kha Slim long in grey
SB05193196 20W 230V PGJ5

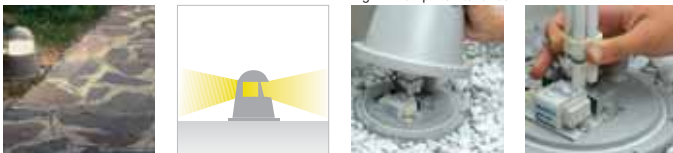


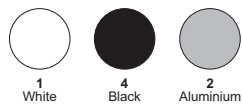
Kha Slim long in black
SB05193281 20W 230V PGJ5



- Small low powered ground footlight
- The body is made of polyester coated die-cast aluminium with a sandblasted pyrex glass diffuser
- O-ring seals in silicon
- Stainless steel external screws
- Double cable gland for \varnothing 7-13mm cables
- Compact dimensions
- Simply unscrew bulkhead for easy lamp maintenance (fig.1)
- Can be installed on normally flammable surfaces
- Class 1
- IP 67

Fig. 1 - Lamp Maintenance

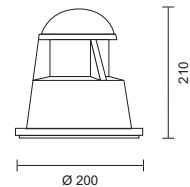
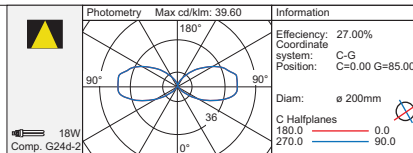




code lamp details

Outdoor footlight

AR/222300 18W 230V G24d-2





- Bollard suitable for interior or exterior use
- The body is made in silver aluminium with a polycarbonate diffuser
- Available in 300, 400 and 600 millimetre heights
- Easy lamp maintenance - loosen allen key screws to remove bollard head (fig.1)
- Can be installed on normally flammable surfaces
- Class 1
- IP 44

Fig. 1 - Lamp Maintenance

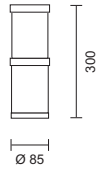




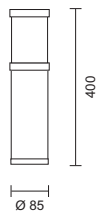
Silver



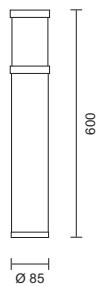
code lamp details
300mm high bollard
4455 15W 230V E27



code lamp details
400mm high bollard
4456L 18W 230V G24d-2



code lamp details
600mm high bollard
4457L 18W 230V G24d-2





- Sphere bollard suitable for pole, pillar, wall application and available in either clear or opal
- The body is made from high impact acrylic (PMMA)
- Resistancy to atmospheric pollution and hydrocarbon properties allow for maximum lifelong performances
- Includes gallery for pillar mounted installations, accessories for pole and wall/arm mounted installations are available separately
- The varying lengths of poles available make way for personalised installations
- Available in 250, 300 and 400 millimetre diameters
- Can be installed on normally flammable surfaces
- Class 2
- IP 44



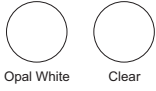
Pillar



Arm (see accessories)



New design diffusers



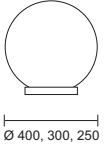
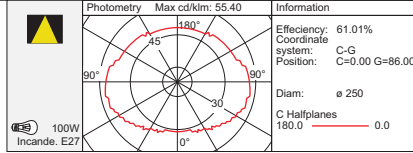
Opal White Clear



code lamp details

Opal sphere

- 1010/462** Ø400 100W 230V E27
- 1010/302** Ø300 100W 230V E27
- 1010/252** Ø250 100W 230V E27

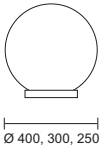
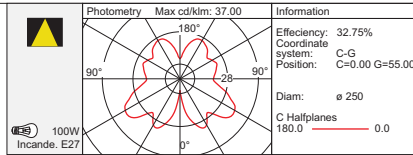


code lamp details

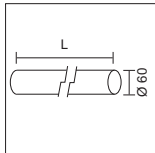
Clear sphere

- 1011/462** Ø400 60W 230V E27
- 1011/302** Ø300 100W 230V E27
- 1011/252** Ø250 200W 230V E27

Excludes reflector



Accessories



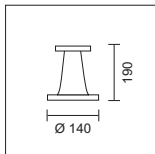
code details
Poles in black polycarbonate

- 160100** L1000mm
- 160150** L1500mm
- 160250** L2500mm
- 160300** L3000mm



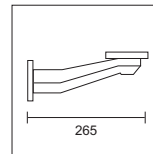
code details
Various reflectors for spheres

- 1010/997** Ø250 Sphere
- 1010/998** Ø300 Sphere
- 1010/999** Ø400 Sphere



code details
Thermoplastic wall top base
For use with Ø 250 sphere only

119001

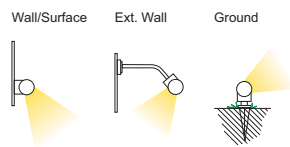


code details
Thermoplastic black arm
For use with Ø 250 sphere only

125001



- Weatherproof fluorescent fitting for wall, ground, or extended wall mounting
- Body made in corrosion resistant material with a polycarbonate diffuser and an aluminium reflector
- Complete with plastic spike for ground installation (fig.1) and painted metal arms for extended wall applications (fig.2)
- Features include directional lighting (fig.3)
- Includes 28W lamp
- Can be installed on normally flammable surfaces
- Class 2
- IP 65



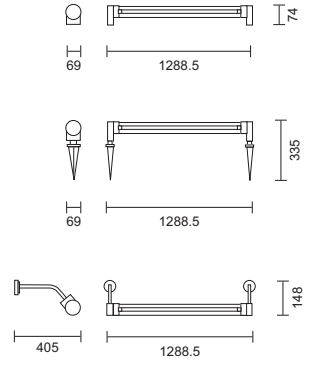


30
Black



code lamp details
Fluorescent weatherproof fitting

4464 28W 230V G5

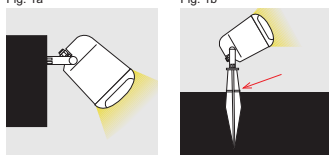




- 57W fluorescent floodlight
- Instant switching for high security
- 57W lamp included
- Suitable for both wall(fig.1a) and ground(fig.1b) application
- Garden spike included
- The body is made of injection moulded high resistant (850°) thermoplastic, and sealed with a silicon gasket and stainless steel screws. The Spike is made of high resistant thermoplastic
- The diffuser(screen) is made of shockproof polycarbonate with UV protection
- The ERCOLE also comes complete with cable gland M12.5(for cable from 4 to 7mm²)
- Includes electronic fluorescent gear
- Can be installed on normally flammable surfaces
- Class II
- IP 66

Fig. 1a

Fig. 1b



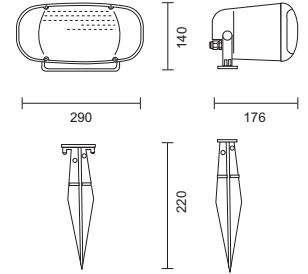
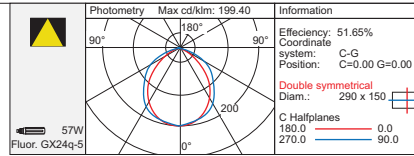


code lamp details

Ercole 300

IV/111002 57W 230V GX24q-5

Includes electronic gear and lamp

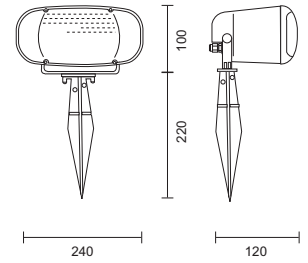
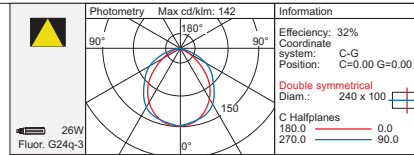


code lamp details

Ercole

IV/110602 26W 230V G24q-3

Includes electronic gear and lamp





TERA

- LED surface spot
- The body is made in powder coated aluminium with a glass diffuser and sealed with a rubber gasket
- Stainless steel exterior screws
- Available in silver and white body colours
- Low amperage (350 mA)
- Colour temperature rating 6000k (white)
- Utilizes three 1W LED's equalling a total of 3W
- Ideal for use in applications that require frequent on-off cycling or a quick restarting time
- Can be installed on normally flammable surfaces
- Class 2
- IP 44

JERO

- Small low wattage spotlight
- Available in two versions a wall mounted and garden spike
- Adjustable body (fig. 1)
- The body and base is made in polycarbonate with a semi prismatic diffuser (fig. 2)
- Can be installed on normally flammable surfaces
- Class 2
- IP 54

PEEP

- Garden Spike
- Body in aluminium with twist off diffuser
- Available for both 12V and 230V applications
- Includes Jbox (fig. 3)
- Remote Transformer required on 12V version
- Can be installed on normally flammable surfaces
- Class 3 (12V)
- Class 1 (230V)
- IP 54

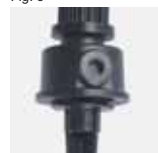
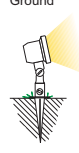
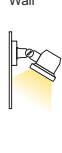
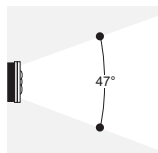
Fig. 1

Fig. 2

Wall

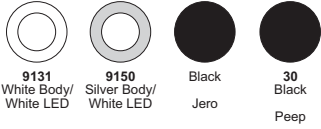
Ground

Fig. 3

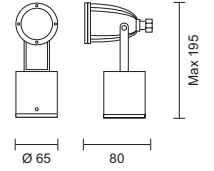
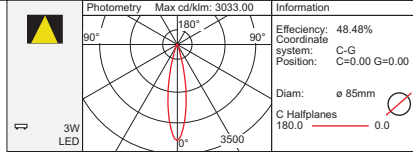


design by Spazio

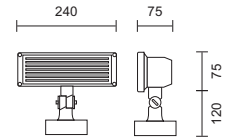
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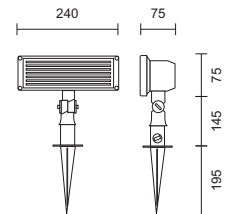
code lamp details
Tera LED spotlight
4564 3 x 1W 230V



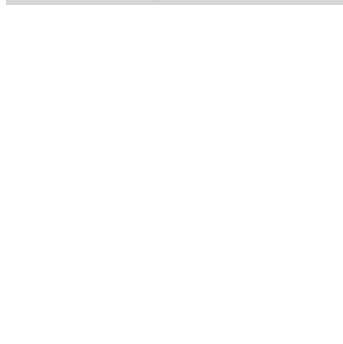
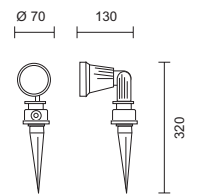
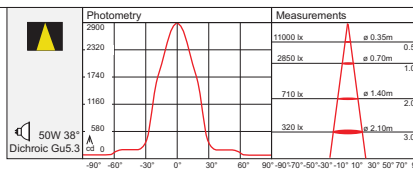
code lamp details
Jero wall mounted spot
4503 13W 230V G23
 Includes electronic control gear and lamp



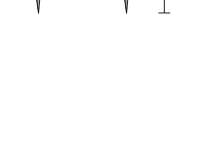
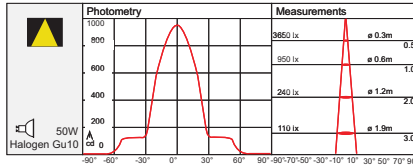
code lamp details
Jero garden spike
4504 13W 230V G23
 Includes electronic control gear and lamp



code lamp details
Peep 12V Garden spike with Jbox
DY/5003 50W 12V Gu5.3
 Requires remote transformer



code lamp details
Peep 230V Garden spike with Jbox
DY/5004 50W 230V Gu10





- Small spotlight suitable for low voltage (12V) dichroic lamps
- The reduced dimensions and simple linear shape make the Tyco suitable for a range of architectural outdoor installations, including severe working conditions
- The body, frame, joints and control gear base are made of sandblasted die-cast aluminium with a tempered glass diffuser and reflector in 99.85% pure anodised and polished aluminium
- Although primarily an exterior fitting with a high IP rating it can also be used as an indoor fitting to highlight objects
- High resistant technopolymer gasket
- External stainless steel screws
- Adjustable head with tilting from 90° upright position to 45° (fig.1) and rotation of 350°
- Cabling via Ø7-10mm-2x1.5mm²
- Can be installed on normally

- flamable surfaces
- Class 2
- IP 66

VERSIONS:

- Tyco spot - Ideal for both ground and surface installation
- Tyco wall - Ideal for wall installation as an uplight or downlight on small objects
- Tyco floor - Ideal for use as a bollard or a pole light complete with base and steel spike

INSTALLATION:

- Easy mounting procedure (fig.2)
- Earth connection not required
- Possibility of through wiring (open wiring)

Fig. 1



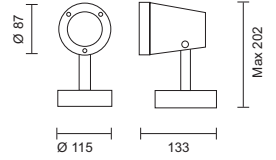
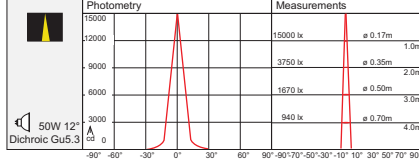
Fig. 2





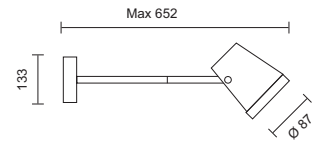
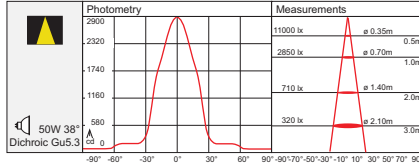
code lamp details

Tyco spotlight
SB04010094 50W 12V Gu5.3
 Includes integral transformer



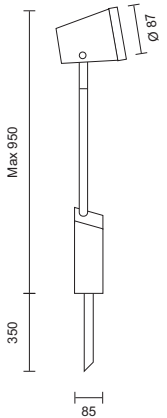
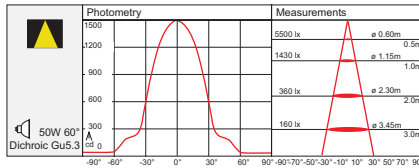
code lamp details

Tyco extended wall light
SB04012194 50W 12V Gu5.3
 Includes integral transformer



code lamp details

Tyco extended floor light
SB04012394 50W 12V Gu5.3
 Includes integral transformer

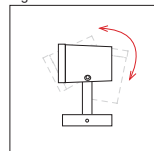


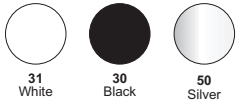


- Dichroic aluminium mini spotlight suitable for low voltage (12V) supply
- The body is made in aluminium powder coated in one of three colours: white, black or silver with a clear glass diffuser
- Tilting action (fig.1)
- Sealed using allen key screws and a silicon gasket
- Can be installed on normally flammable surfaces
- Class 1
- IP 66

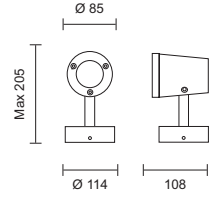
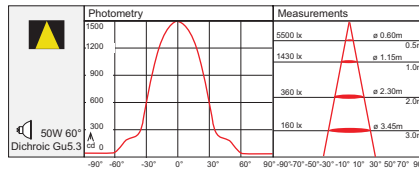
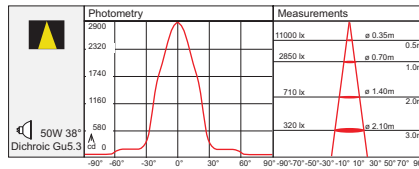
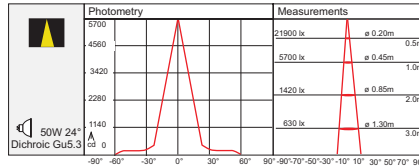
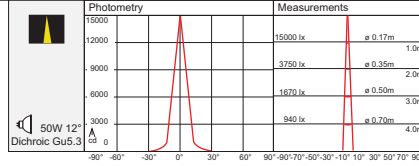


Fig. 1





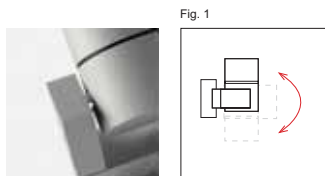
code lamp details
Myco dichroic spotlight
4563 50W 12V Gu5.3
 Includes integral transformer





House Zamoni - Paarl

- Mini spotlights for 230V dichroics
- The body is made in aluminium with a clear glass diffuser
- Sealed using allen key screws on the Frisk fittings and screw off diffuser on the Fresh fitting
- Adjustable head action (fig. 1)
- Can be installed on normally flammable surfaces
- Class 1
- IP 54



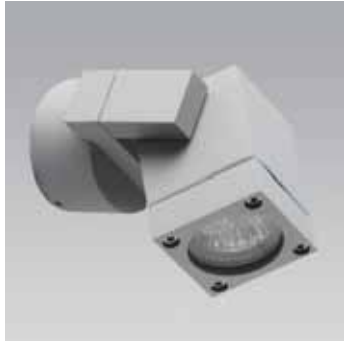
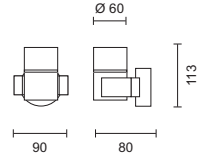
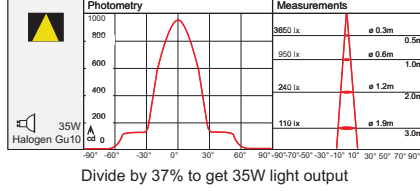


51
European Grey
Fresh
Frisk



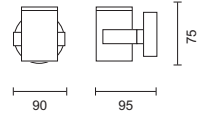
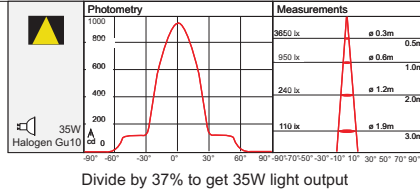
code lamp details
Fresh all over aluminium tilting
spotlight for both exterior or interior
application

9239 35W 230V Gu10



code lamp details
Frisk all over aluminium tilting
spotlight for exterior/interior
application

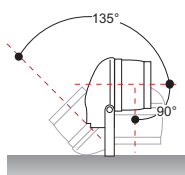
9256 35W 230V Gu10





Emperors Palace - Kempton Park

- Adjustable floodlights for interior or exterior use
- The body is made from die-cast aluminium with an antirust pretreatment on coastal quality fitting and silver paint finish and black technopolymer cover, front ring with a tempered glass diffuser 4mm thick
- Cover fastened to main body by means of steel screws and silicon seal guarantees no dust or liquid infiltration
- High protection rating
- Comes complete with a 99.9% pure aluminium reflector and integral control gear
- Hood accessory available for directional light control
- Can be installed on normally flammable surfaces
- Class 1
- IP 66





Grey/
Black

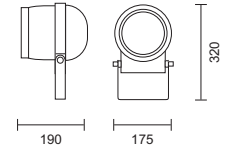
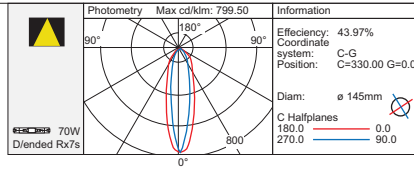


code lamp details

Cyclope metal halide

IV/110110 70W 230V Rx7s

Includes 99.9% pure aluminium reflector and integral control gear

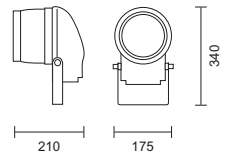
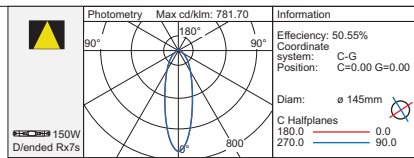


code lamp details

Cyclope metal halide

IV/110210 150W 230V Rx7s

Includes 99.9% pure aluminium reflector and integral control gear



Accessories



code details

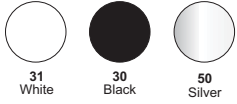
Hood in painted black steel

IV/94-10743-30



Woodlands Day Spa - Muldersdrift

- High-powered floodlight
- The body is made from die-cast aluminium with a tempered glass diffuser and a 99.9% pure aluminium reflector
- Available in two versions a narrow beam for area specific lighting and a wide beam for general lighting
- Lamp types include metal halide, mercury vapour and high pressure sodium lamps
- Can be installed on normally flammable surfaces
- Class 1
- IP 55

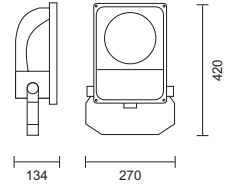
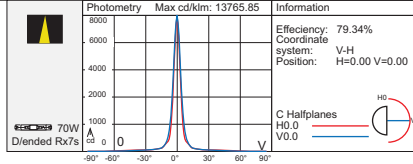


code lamp details

Narrow beam

XX/2017 150W 230V Rx7s
XX/2018 70W 230V Rx7s

Includes integral control gear

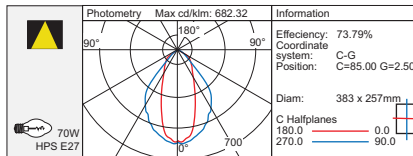
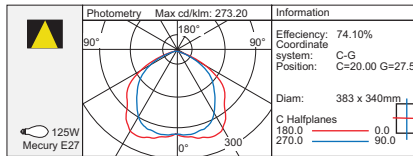
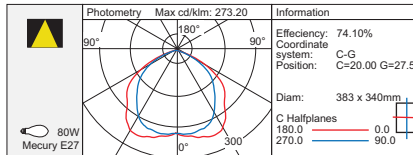
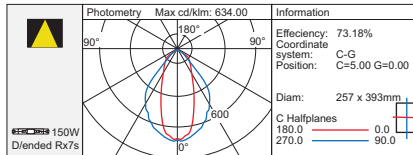
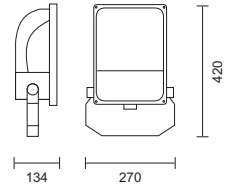
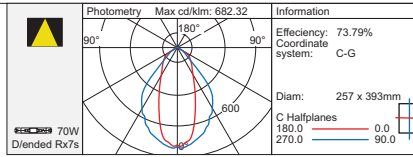


code lamp details

Wide beam

XX/2010 150W 230V Rx7s
XX/2011 70W 230V Rx7s
XX/2012 MV 125W 230V E27
XX/2013 MV 80W 230V E27
XX/2015 HPS 70W 230V E27

Includes integral control gear

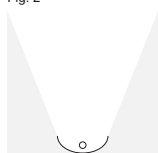




- Niso floodlight range is a solution to atmospheric agents
- Ideal for major outdoor applications especially in installations where corrosion from sea agents are a problem
- The body is made in thermoplastic material with a 99.9% pure aluminium reflector and tempered glass screen resistant to drastic temperature changes.
- Fitting is sealed by means of a silicon foam seal
- Stainless steel bracket with an angle gradient indicating device
- Includes stainless steel screws, IP66 polyamide cable gland - PG 9 (cable diam. 5-8mm), PG 11 (cable diam. 9-11mm), nylon strain relief 15%
- Top clips hold the glass allowing for easy maintenance while safety glass is retained to the housing by means of bottom hinges (fig.1)
- Symmetrical reflector (fig.2)
- Can be installed on normally flammable surfaces
- Class 2
- IP 66

Fig. 1

Fig. 2

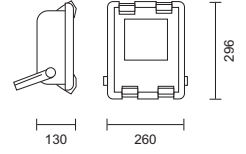
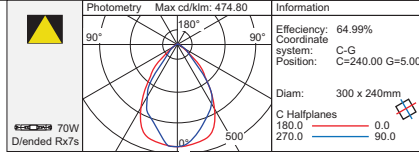




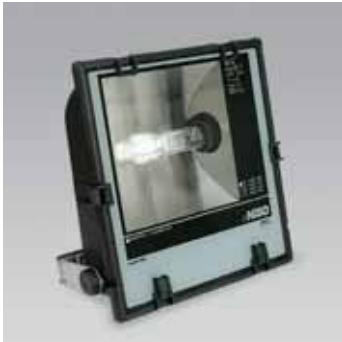
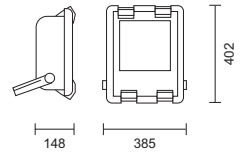
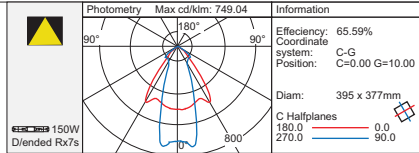
Black



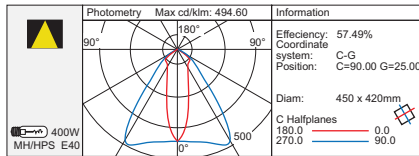
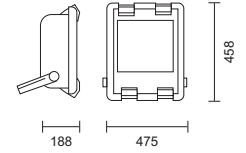
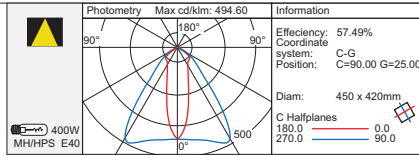
code lamp details
PBT 3 metal halide
4621.1 70W 230V Rx7s
 3.9 kg/s



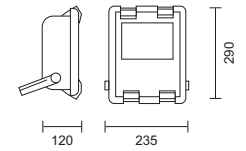
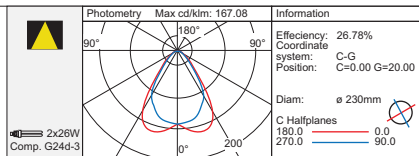
code lamp details
PBT 2 metal halide
4622.1 150W 230V Rx7s
 7.3 kg/s



code lamp details
PBT 1 metal halide + hps
4623.2 400W 230V E40
4623.3 250W 230V E40
 10.0 kg/s - MH
 11.7 kg/s - HPS



code lamp details
Compact fluorescent
4621.2 2 x 26W 230V G24d-3





- High-powered floodlight ranging from 150W to 400W
- The body is made from die-cast aluminium with a tempered glass diffuser and a 99.9% pure aluminium reflector
- Lamp types include metal halide/high pressure sodium and mercury vapour lamps
- Can be installed on normally flammable surfaces
- Class 1
- IP 65

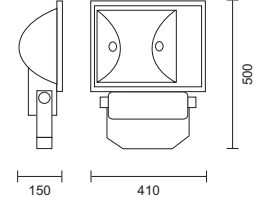
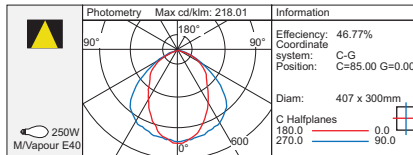
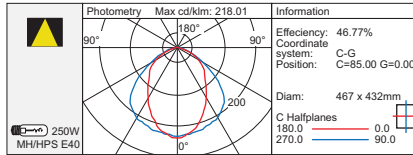
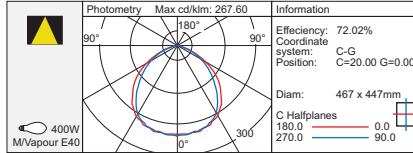
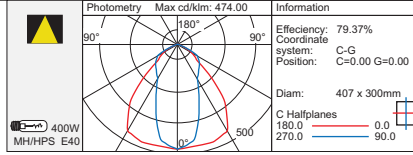


code lamp details

High powered floodlight

- XX/2006** MH/HPS 400W 230V E40
- XX/2007** MV 400W 230V E40
- XX/2008** MH/HPS 250W 230V E40
- XX/2009** MV 250W 230V E40

Includes integral control gear





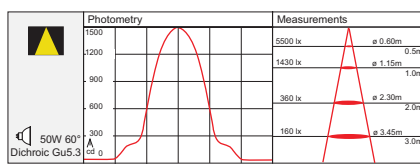
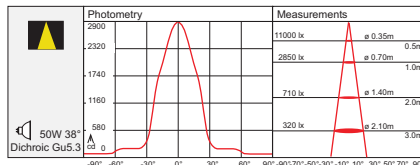
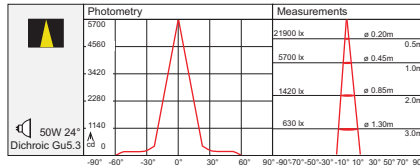
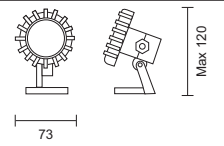
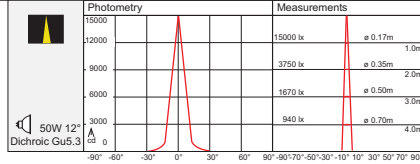
- Small low voltage submersible can be installed to a depth of not more than 1 metre (fig.2)
- The body and base is made of thermoresistant nylon with a tempered glass diffuser
- Ring can be adjusted to change beam
- Includes bracket and gland
- Remote transformer required
- Can be installed on normally flammable surfaces
- Class 3
- IP 68
- 12V Only

Fig. 2

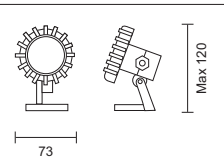




code lamp details
Dichroic option
6802 50W 12V Gu5.3
 Remote transformer required



code lamp details
Bi-pin option
6801 20W 12V G4
 Remote transformer required





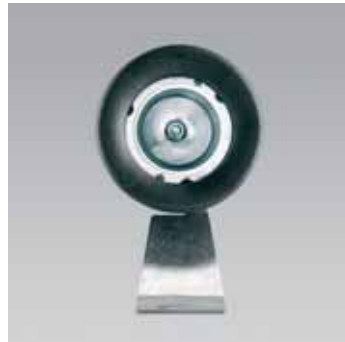
- Small low voltage submersible can be installed to a depth between 0.2 and 5 metres in fresh water only
- The body and ring are made of technopolymer with a safety glass diffuser
- Includes stainless steel bracket, nickel plated brass screws with PG 11 cable gland (Ø6-Ø10mm) and 4 metres of cable
- Recessed box available for floor/wall installation (fig.1)
- The UWF 10 can also be installed above ground using 20W lamps (max.)
- 90° Tilting action
- Remote transformer required
- Can be installed on normally flammable surfaces
- Class 3
- IP 68

Fig. 1





Black

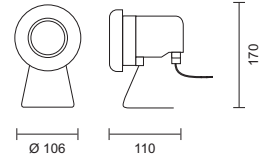
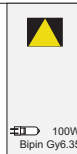


code lamp details

Bipin submersible light

SB01959018 100W 12V Gy6.35

Remote transformer required

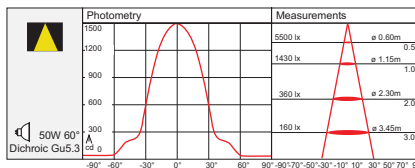
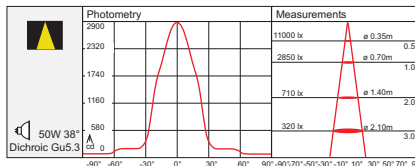
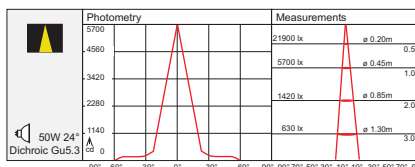
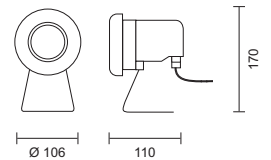
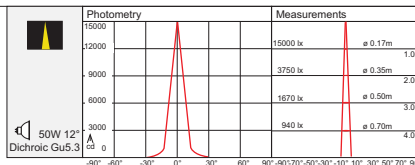


code lamp details

Dichroic submersible light

SB01958018 50W 12V Gu5.3

Remote transformer required



Accessories



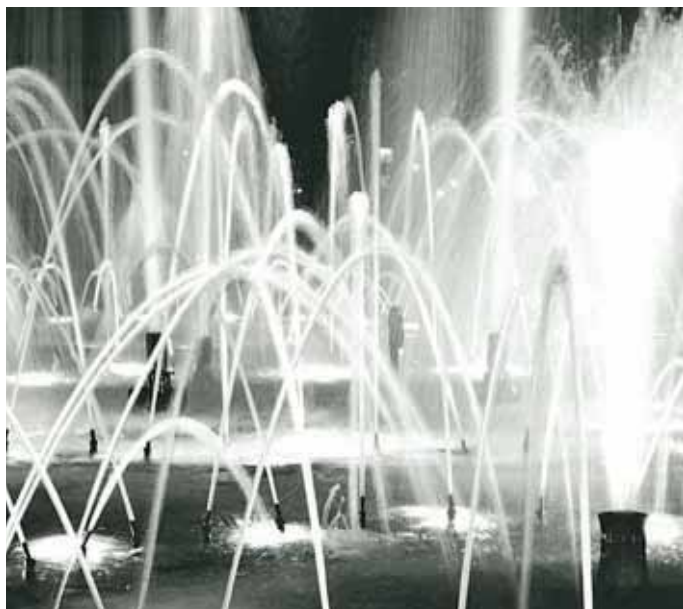
code details
 Black technopolymer recessing box.
 For submersible application.

SB14421018 (167 x Ø190)

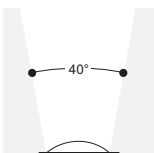


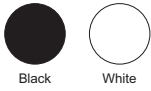
code details
 Wiring box for ground and wall recessed
 installation. **Not for submersible
 application.**

SB14422018



- High powered underwater floodlights for total submerged installation only
- Ideal for lighting up swimming pools, large fountains and high water displays
- Available with technopolymer ring and is only suitable for fresh water applications this includes swimming pools where the box accessory is required
- Anti-tearing IP68 nickel brass cable gland
- Includes 4m of H07-RNF 2x4 cable
- Recessed box available for wall installation as extra (see accessories)
- Remote transformer required
- Can be installed on normally flammable surfaces
- Class 3
- IP 68



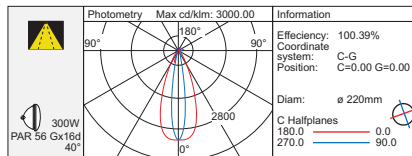
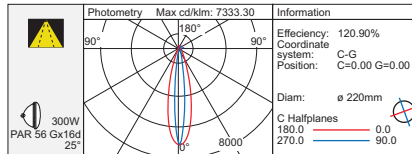
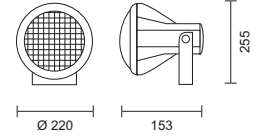
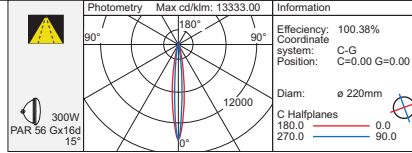


code lamp details

Technopolymer submersible floodlight

white
SB01003202 300W 12V Gx16d
 black
SB01981998 300W 12V Gx16d

Recessing box separate
 Includes 4m of H07-RNF 2 x 4 cable
 Remote transformer required



Accessories

code details



Wiring box for ground and wall recessed installation. **Not for submersible application.**

SB14422018

code details



Recessing box for technopolymer ring **For submersible application.**

SB14489998 180 x ø 320



Reference Norms:
 EN 61347-2-13
 EN 61347-1
 EN 55015
 EN 61000-3-2
 DIN VDE0710-T14
 EN 61547
 EN 605598-1

Voltage
 AC110 ÷ 240V

Frequency
 50-60Hz

Power
 9 ÷ 25W

- IP20 independent driver, for indoor use
- Multiple LED driver
- Supplied with dip-switch for current output selection
- Active power factor corrector
- Light regulation 0-100% by means of PUSH function (L mains voltage: 170kohm):
 - a short push to turn ON/OFF
 - a longer push to increase/decrease light intensity
 - regulation automatically stops at minimum and maximum values
 - For another on, regulation or off command release the button the push button and give the desired command again
- Maximum length of cable, from push button to last driver, must be max. 15m. In case of applications where the cable is longer than 15m, keep this separate from the 110-240V mains cable
- **1.5m synchronisation cable is separately supplied (Code: 485720512)**
- Maximum 10 drivers in series, controlled by one or more PUSH buttons

IMPORTANT: only use normally open push buttons with no incorporated warning light.

- Light regulation 0-100% by means of PUSH function, 1...10V interface (1=0.35mA) or 100 Kohm potentiometer
- Class II Protection against electric shock, following direct /indirect contact
- Current regulation +/- 5% including temperature variations
- Supplied with terminal cover and clamping screws
- Input output terminals on the same side (max. wire cross-section = 1.5mm²)
- Clamping screws on primary and secondary circuits for cables with diameter: min. 3mm - max. 8mm.
- The driver can be secured by means of threaded slots.
- Protections:
 - against overheating and short circuits
 - against mains voltage spikes
 - against overloads
- Possibility of ignition and power off on the secondary for current LED (power LED)
- Suitable for the supply of power LED and LED modules



Article	Code	Wattage	Volts out DC	I out DC	N° of LED's	ta °C	ta °C	λ	
Output in direct current									
DC JOLLY	7319	15	43 max.	350mA cost.	12	-20 +50	75	0.90 C	
		22 (15*)	43 max.	500mA cost.	11..12	-20 +50	75		
		25 (15*)	36 max.	700mA cost.	9	-20 +50	75		
		9	10 cost.	900mA max.	8W	-20 +50	75		
		10	12 cost.	900mA max.	10 W	-20 +50	75		
		20 (15*)	24 cost.	900mA max.	20 W	-20 +50	75		

*Declared power at 110V



code details

Wolf 150 30-150VA Electronic transformer

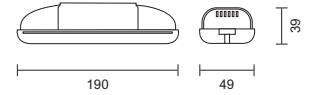
Class II protection against direct and indirect contact electric shock

Protection against surges, spikes in the mains, overload protection and short circuit protection on output

When the normal conditions are restored the transformer will automatically restart

Dimmable by trailing edge dimmer

Suitable for installation inside furniture and normal flammable surfaces (130°C)

7309 30-150VA

code details

Wolf 250 100-250VA Electronic transformer

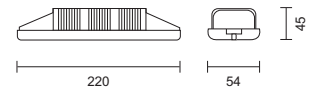
Class II protection against direct and indirect contact electric shock

Protection against surges, spikes in the mains, overload protection, short circuit protection on output and thermal protection for internal overheating

When the conditions are returned to normal the transformer will automatically restart

Dimmable by trailing edge dimmer

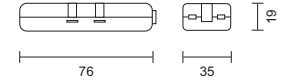
Suitable for installation inside furniture and normal flammable surfaces (130°C)

7310 100-250VA



code details

LED driver 0-10W LED independent ballast
 IP20 rated
 Class II protection against direct and indirect contact
 electric shock
 Protection against surges, spikes in the mains,
 overload protection, overheating and short circuit
 protection on output

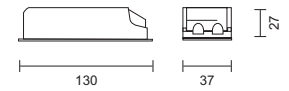


7312 0-10W 24V



code details

DC LED driver for use with direct current LED
 products
 Class II protection
 Protection against surges, spikes in the mains,
 thermal and short circuit protection on output

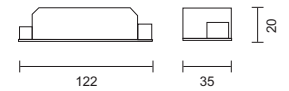


7320.350 1-11W 350mA max 11 x 1W LED's
7320.500 1-12W 500mA max 6 x 2W LED's
7320.700 1-17W 700mA max 17 x 1W LED's



code details

DC LED driver for use with direct current LED
 products
 Class II protection
 Protection against surges, spikes in the mains,
 short circuit protection on output
 Comes complete with power cable



7320 1-9W 350mA max 9 x 1W LED's



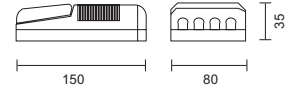


code details

Metal Halide Gear Box electronic control gear for metal halide lamps with end of life protection.

7338 35W
7340 70W

 **300** gm's

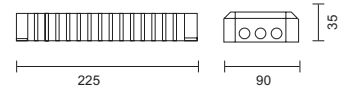


code details

Metal Halide Gear Box electronic control gear for metal halide lamps with end of life protection.

7342 150W

 **450** gm's

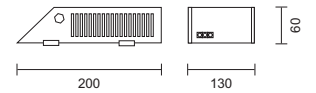


code details

Metal Halide Gear Box magnetic control gear for metal halide lamps with housing in die-cast aluminium

7330 35W
7331 70W
7332 150W

 **2.5** kg's

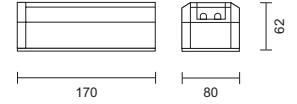




code details

PL Gear Box magnetic control gear for compact fluorescent lamps with housing in die-cast aluminium IP20 rated for indoor use

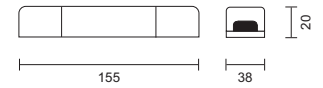
7321-IMP 13W
7322-IMP 18W
7323-IMP 26W
7324-IMP 2 x 13W
7325-IMP 2 x 18W
7326-IMP 2 x 26W



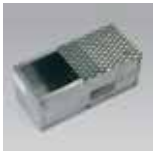
code details

Electronic Ballast Compact size IP 20 independent gear for internal use, can be used for Class II and emergency installations according to VDE 0108 Start with pre-heating to increase lamp life Protection against mains voltage spikes, disconnection of lamp and lamp failure Rapid coupling input and output terminals Supplied with terminal cover for retaining cables 2 x 0.75mm² H03V VH2-F

7350 2 x 26W
7351 2 x 18W



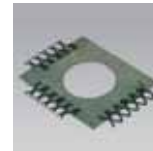
Accessories



code details

Galvanised Box for light placement in concrete slabs

BOX1 250 x 146 x 122



code details









































Box Cut Out galvanised cutout for downlight placement in galvanised boxes

BOXCUT 65 65 Diam. Cut Out
BOXCUT 70 70 Diam. Cut Out
BOXCUT 75 75 Diam. Cut Out
BOXCUT 80 80 Diam. Cut Out
BOXCUT 85 85 Diam. Cut Out
BOXCUT 90 90 Diam. Cut Out
BOXCUT 95 95 Diam. Cut Out

Lamp Index

SPAZIO

*Measured in Candelas

lamp type	unit	watts	volts	base	lumens
INCANDESCENT	 Golf Ball	40/60	230	E14/E27	415/640
	 Incandescent	40/60/100	230	E27	425/720/1360
	 Candle	40/60	230	E14	415/670
	 JDD	40	230	E14	420
	 PAR 38	60/80/120	230-240	E27	*3400/5400/9300 @ 12°
	 PAR 56	40/60/100	230	E14/E27	*430(30°) / 960(30°) / 2000(80°)
PAR SPOTS					
PAR SPOTS					
HALOGEN	 Twistline	50	220	Gu10	*800(40°)
	 Dichroic	35/50	12	Gu5.3	*1100/1800 @ 38°
	 Capsule	20	12	G4	600
	 Capsule	35-50	12	Gy6.35	930
	 AR 111	50	12	G53	2200/5000/9500
	 Leuci	150	230	E14	*50 000(4°) / 3500(24°)
	 G9 Capsule	25/40/50/60/75	230	G9	850
METAL HALIDE	 HCI-T	70/150	230	G12	5200/13 000
	 Hqi-T	250/400	230	E40	19 000/35 000
	 Hqi-TS	70/150/250	230	Rx7s	5000/11 000/20 000
	 Hqi-E	70/250/400	230	E27/E40	5500/19 000/32 000
	 CDM-Tm	20	230	PGJ-5	1650
LINEAR FLUORESCENT	 Seamless (T5)	24/39/54	230	G5	1750/3100/4450
	 T16 (T5)	8	230	G5	450
	 T16 (T5)	14	230	G5	1270(25°) / 1350(35°)
	 T16 (T5)	21	230	G5	1970(25°) / 2100(35°)
	 T16 (T5)	28	230	G5	2720(25°) / 2900(35°)
	 T16 (T5)	35	230	G5	3290(25°) / 3650(35°)
	 T26 (T8)	15	230	G13	950
	 T26 (T8)	18	230	G13	1150
	 T26 (T8)	30	230	G13	2350
	 T26 (T8)	36	230	G13	2850
 T26 (T8)	58	230	G13	4600	
COMPACT FLUORESCENT	 PL-S	7/9/11	230	G23	400/600/900
	 PL-D	10/13/18/26	230	G24d-1/2/3	600/1200/1800
	 PL-DE	10/13/18/26	230	G24q-1/2/3	600/1200/1800
	 PL-L	18/24/36	230	2G11	1200/1800/2900
	 PL-L	55	230	2G11	4800
	 PL-EL	11/15/23	230	E27	600/900/1500
	 SQUARE	16	230	2D	1050
HIGH PRESSURE SODIUM	 NAV-T	250/400	230	E40	28 000/48 000
	 NAV-E	250/400	230	E40	27 000/48 000
MERCURY VAPOUR	 HQL	80/125	230	E27	4300/6200
	 HQL	250/400	230	E40	12 700/22 000



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