



REXEL

a world of energy

SPECIALIST LIGHTING SOLUTIONS

LAMPS - LUMINAIRES - SIGNALLING - CONTROL GEAR

AUTUMN 2016

WELCOME

to the New Specialist Lighting Solutions catalogue!

There has never been such a time of change in the lighting industry. Traditional light sources such as incandescent and halogen are fast disappearing thanks to the Energy Related Products Directive introduced by the EU back in 2009, and are being replaced by new energy efficient technologies. With the explosion of internet and smart connected devices, brand new methods of lighting and controlling lighting are coming to the fore that previously lighting designers could only have dreamed of. At Rexel Lighting Solutions we can assist you with the transition from old to new technology, and help you reduce your energy and maintenance costs while at the same time improving your quality of light.

We stock a vast array of lamps and control gear that are not found in stock at average electrical wholesalers, and we have a team of specially trained lighting specialists who are ready to handle all your enquiries.

If there is an item you can't find - we will get it for you. Our team of specialists have a wealth of contacts in the lighting industry from all the major lamp and control gear manufacturers, and can source products quickly that are not available to your normal wholesaler.

All orders are despatched the same day from stock, and we take great pride in packaging orders to ensure that even the most delicate items arrive with you on time and completely intact.

To order any of the products featured within the catalogue, please contact your local Rexel branch using the handy Rexel branch locator app available from the App Store or Google Play.

- Next day delivery, direct to site or your local branch
- Free application advice and technical support
- Large stock holding of both old and new technologies



If you need help or advice regarding product selection, please ring us on **01905 791500**

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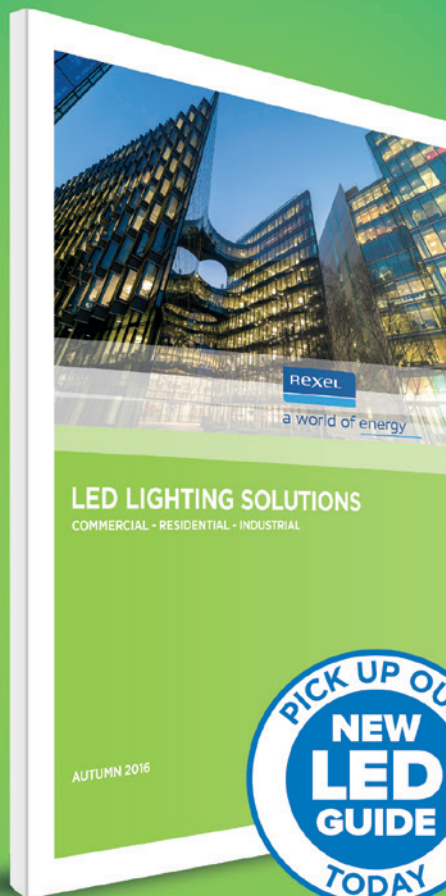
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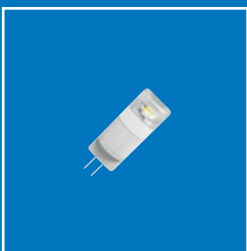
LED LIGHTING SOLUTIONS

FROM REXEL



- ✓ Up to 5 year warranty
- ✓ Fantastic energy savings
- ✓ Guaranteed lumen performance
- ✓ Lighting controls for most applications
- ✓ Expert advice

COMMERCIAL - RESIDENTIAL - INDUSTRIAL



LED LAMPS

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GU10 Non Dimmable

Applications:

- GU10 retrofit LED lamp to replace traditional halogen PAR16 shape mains voltage lamps.
- Can be used in a wide variety of applications such as hotels, bars, restaurants, hospitals, retail and domestic use.

Benefits:

- 25,000 hour life, Energy reduction of up to 90%.
- No heat generated.
- Low CO2 emissions.
- No toxic chemicals such as mercury.
- Instant light.

Up to
5.8W
440 lm





VENTURE®
LIGHTING
Silver Body

Watt	Colour	Beam Angle	Order Code
3.6W	3000K	36°	2450008243
3.6W	4000K	36°	2450008244
3.6W	6500K	36°	2450008245
5W	3000K	36°	2450008246
5W	4000K	36°	2450008247
5W	6500K	36°	2450008248
5.8W	3000K	36°	2450008249
5.8W	4000K	36°	2450008250
5.8W	6500K	36°	2450008251

Up to
4.4W
360 lm





VENTURE®
LIGHTING
Silver Glass Body

Watt	Colour	Beam Angle	Order Code
3.6W	3000K	36°	2450008252
3.6W	4000K	36°	2450008253
3.6W	6500K	36°	2450008254
4.4W	3000K	36°	2450008255
4.4W	4000K	36°	2450008256
4.4W	6500K	36°	2450008257

Up to
5W
380 lm





PHILIPS
CorePro

Watt	Colour	Beam Angle	Order Code
3.5W	2700K	36°	2450009148
3.5W	4000K	36°	2450009149
5W	2700K	36°	2450009150
5W	4000K	36°	2450009152

Up to
4.3W
420 lm





PHILIPS
Master

Watt	Colour	Beam Angle	Order Code
3.5W	2700K	40°	2450008500
3.5W	3000K	40°	2450008501
3.5W	4000K	40°	2450008502
4.3W	2700K	40°	2450008503
4.3W	3000K	40°	2450008504
4.3W	4000K	40°	2450008505

Long Neck GU10

Applications:

- Long neck LED GU10's to replace old CFL style GU10 lamps with a body length of 75mm.





SYLVANIA
Non Dimmable

Watt	Colour	Beam Angle	Order Code
5W	3000K	36°	2450008811





MEGAMAN®
Energy Saving Lamps
Dimmable

Watt	Colour	Beam Angle	Order Code
5W	2800K	90°	2450009826
5W	4000K	90°	2450009827

GU10 Dimmable

Up to
6W
480 lm



VENTURE®
SILICON
Silver Body

Watt	Colour	Beam Angle	Order Code
4W	3000K	36°	2450008262
4W	4000K	36°	2450008263
4W	6500K	36°	2450008264
5W	3000K	36°	2450008265
5W	4000K	36°	2450008266
5W	6500K	36°	2450008267
6W	3000K	36°	2450008268
6W	4000K	36°	2450008269
6W	6500K	36°	2450008270

Up to
5.4W
416 lm



PHILIPS
CRI90

Philips CRI90 give the best colour presentation, ideal for retail applications.

Watt	Colour	Beam Angle	Order Code
4W	927	25°	2450005192
4W	927	40°	2450005193
4W	930	25°	2450005194
4W	930	40°	2450005195
4W	940	25°	2450005196
4W	940	40°	2450005197
5.4W	927	25°	2450006554
5.4W	927	40°	2450009128
5.4W	930	25°	2450006555
5.4W	930	40°	2450008621
5.4W	940	40°	2450009129

Up to
4W
385 lm



PHILIPS
DimTone

Philips DimTone technology replicates the feel of incandescent lamps with the lamp colour getting warmer as it is dimmed.

Watt	Colour	Beam Angle	Order Code
4W	2700K	25°	2450008595
4W	2700K	40°	2450008596
4.5W	2700K	25°	2450008597
4.5W	2700K	40°	2450008598

Up to
5.5W
420 lm



PHILIPS
Master

Watt	Colour	Beam Angle	Order Code
4.4W	2700K	36°	2450009144
4.4W	3000K	36°	2450009145
5.5W	2700K	36°	2450009146
5.5W	3000K	36°	2450009147

Up to
5W
360 lm



MEGAMAN®
Energy Saving Lamps
Economy

Watt	Colour	Beam Angle	Order Code
5W	2800K	-	2450007875
5W	4000K	-	2450007876

Up to
7W
550 lm



MEGAMAN®
Energy Saving Lamps

Watt	Colour	Beam Angle	Order Code
6W	2800K	35°	2450006310
6W	4000K	35°	2450006338
6W	6500K	35°	2450006669
7W	2800K	35°	2450006664
7W	4000K	35°	2450006670
7W	6500K	35°	2450006672

Commercial LED Lamps | MR11 & MR16

35mm GU10



Watt	Colour	Beam Angle	Order Code
4W	3000K	60°	2450009269
4W	4000K	60°	2450009270

MR16 12V Dimmable

Up to
8W
630 lm



Watt	Colour	Beam Angle	Order Code
7W	2700K	24°	2450005204
7W	2700K	36°	2450005207
7W	2700K	60°	2450009130
7W	3000K	24°	2450005205
7W	3000K	36°	2450005208
7W	3000K	60°	2450009131
7W	4000K	24°	2450005206
7W	4000K	36°	2450005209
8W	2700K	24°	2450009135
8W	2700K	36°	2450009132
8W	3000K	24°	2450005199
8W	3000K	36°	2450009133
8W	4000K	24°	2450009283
8W	4000K	36°	2450009134

Up to
8W
450 lm



Watt	Colour	Beam Angle	Order Code
8W	2800K	36°	2450008670
8W	4000K	36°	2450006833

MR16 12V Non Dimmable

Up to
6W
430 lm



Applications:

- MR16 retrofit lamp to replace traditional halogen 50mm low voltage lamps.
- These lamps require transformers/LED drivers to run.
- If you are not sure which driver to use, please contact us.

Benefits:

- 25,000 hour life.
- Energy reduction of up to 90%.
- No heat generated.
- Low CO2 emissions.
- No toxic chemicals such as mercury.
- Instant light.

Watt	Colour	Beam Angle	Order Code
5W	3000K	36°	2450008258
5W	4000K	36°	2450008259
6W	3000K	36°	2450008260
6W	4000K	36°	2450008261

MR11 12V Non Dimmable

Up to
4W
230 lm



Applications:

- MR11 retrofit lamp to replace traditional halogen 35mm low voltage lamps.
- These lamps require transformers/LED drivers to run.
- If you are not sure which driver to use, please contact us.

Benefits:

- Up to 50,000 hour life.
- Energy reduction of up to 90%.
- No heat generated.
- Low CO2 emissions.
- No toxic chemicals such as mercury.
- Instant light.

Watt	Colour	Order Code
4W	2800K	2450006676
4W	4000K	2450006675

AR111

Applications:

- AR111 LED lamp to replace traditional 111mm low voltage reflector lamps.
- Applications include catering, hospitality, retail & display.
- These lamps require transformers/LED drivers to run.
- If you are not sure which driver to use, please contact us.

Benefits:

- 25,000 hour life.
- Energy reduction of up to 90%.
- No heat generated.
- Low CO2 emissions.
- No toxic chemicals such as mercury.
- Instant light.

Up to
20 W
1180 lm



PHILIPS
Dimmable

Watt	Colour	Beam Angle	Order Code
11W	2700K	8°	2450009284
11W	2700K	24°	2450009139
11W	2700K	40°	2450009141
11W	3000K	8°	2450009285
11W	3000K	24°	2450009140
11W	3000K	40°	2450009142
15W	2700K	24°	2450005216
15W	2700K	40°	2450005217
15W	3000K	24°	2450005218
15W	3000K	40°	2450005219
20W	2700K	24°	2450009143

Up to
10 W
600 lm



MEGAMAN®
Energy Saving Lamps
20V Dimmable

Watt	Colour	Beam Angle	Order Code
10W	2800K	45°	2450006674
10W	4000K	45°	2450005007

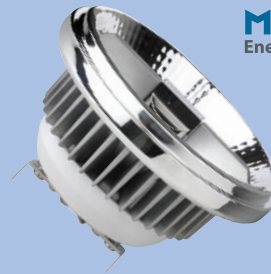
Up to
11 W
850 lm



VENTURE®
LIGHTING

Watt	Base	Colour	Beam Angle	Order Code
11W	GX53	4000K	25°	2450008277
11W	GX53	4000K	40°	2450008279

Up to
11 W
850 lm



MEGAMAN®
Energy Saving Lamps
Dimmable

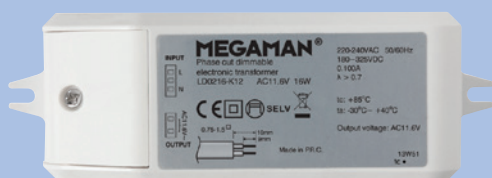
Watt	Colour	Beam Angle	Order Code
11W	2800K	24°	2450008104
11W	2800K	45°	2450008786



MEGAMAN®
Energy Saving Lamps
Driver for
20V AR111

Watt	Description	Order Code
10W	Driver for AR111	2450008195

Megaman LED Driver



MEGAMAN®
Energy Saving Lamps

Applications:

- Specific LED drivers to be used with certain manufacturer lamps.
- Please check your selection carefully as use with the wrong lamp/driver can cause damage.

Watt	Description	Order Code
Up to 15W	12v Driver for MR16 + AR111	2450008903

Reflector Lamps

Applications:

- LED retrofit lamp solutions to replace old style incandescent reflector lamps.
- Popular in commercial and domestic applications, these lamps can offer vast savings in both energy and maintenance.

Benefits:

- 25,000 hour lamp life.
- Little heat generated.
- No hazardous chemicals.



Manufacturer	Type	Watt	Base	Colour	Beam Angle	Order Code
Philips	PAR20	5.5W	ES / E27	2700K	25°	2450008605
Philips	PAR20	5.5W	ES / E27	2700K	40°	2450008608
Philips	PAR20	5.5W	ES / E27	3000K	25°	2450008606
Philips	PAR20	5.5W	ES / E27	3000K	40°	2450008609
Philips	PAR20	5.5W	ES / E27	4000K	40°	2450008610
Venture	PAR20	6.8W	ES / E27	3000K	25°	2450008274
Megaman	PAR30	10.5W	ES / E27	2800K	35°	2450007912
Megaman	PAR30	10.5W	ES / E27	4000K	35°	2450006878
Venture	PAR30	12W	ES / E27	3000K	25°	2450008275
Philips	PAR38	13W	ES / E27	2700K	25°	2450006953
Megaman	PAR38	15.15W	ES / E27	4000K	35°	2450008663
Megaman	PAR38	15.5W	ES / E27	2800K	35°	2450008105
Philips	R39	2.2W	SES / E14	2700K	36°	2450009804
Philips	R50	1.7W	SES / E14	2700K	36°	2450009801
Philips	R50	2.9W	SES / E14	2700K	36°	2450009800
Megaman	R50	3.5W	SES / E14	2800K	90°	2450006972
Venture	R50	6W	SES / E14	2700K	110°	2450008271
Philips	R63	2.7W	ES / E27	2700K	36°	2450009802
Philips	R63	5.7W	ES / E27	2700K	36°	2450009803
Megaman	R63	7.5W	ES / E27	2800K	90°	2450008519
Venture	R63	9.5W	ES / E27	2700K	110°	2450008272
Philips	R80	3.7W	ES / E27	2700K	40°	2450009805
Philips	R80	7W	ES / E27	2700K	40°	2450009806
Venture	R80	11W	ES / E27	4000K	110°	2450008273

ES111

Applications:

- Mains voltage LED 111mm reflector lamps with GU10 base.
- Applications include catering, hospitality, retail and display lighting.

Benefits:

- 25,000 hour life.
- Energy reduction of up to 90%.
- No heat generated.
- Low CO2 emissions.
- No toxic chemicals such as mercury.
- Instant light.



Watt	Base	Colour	Beam Angle	Order Code
10.5W	GU10	4000K	25°	2450008276
10.5W	GU10	4000K	40°	2450008278



Watt	Colour	Beam Angle	Order Code
15W	2800K	24°	2450006764
15W	4000K	45°	2450006765

G9 Capsules 240V



Watt	Colour	Order Code
1.5W	2700K	2450008411



Watt	Dimming	Colour	Order Code
2.5W	Non Dimmable	2700K	2450009155
2.3W	Dimmable	2700K	2450009799



Watt	Colour	Order Code
3W	2800K	2450006651

G4 Capsules 12V



Watt	Colour	Order Code
1W	2700K	2450008410



Watt	Dimming	Colour	Order Code
1W	Non Dimmable	2700K	2450006918
2W	Non Dimmable	2700K	2450009154
2W	Dimmable	2700K	2450009798

Pygmy Lamps



Finish	Watt	Cap	Colour	Order Code
Frosted	1.6W	SES / E14	2700K	2450008408
Clear	1.6W	SES / E14	2700K	2450008409

Commercial LED Lamps | GX53, R7S & T5 Replacement

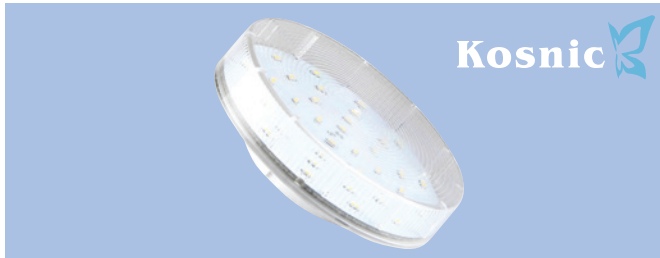
GX53 Disk 240V

Applications:

- Perfect for surface mounted or recessed cabinet lighting.
- LED GX53 lamps are suitable to replace CFL predecessors.

Benefits:

- Long life.
- Low energy consumption.
- No harmful UV or IR emitted.



Watt	Colour	Order Code
3W	3000K	2450004828
3W	6000K	2450004829



Watt	Colour	Order Code
5W	2800K	2450006673
5W	4000K	2450008110
7W	2800K	2450008671
7W	4000K	2450008111

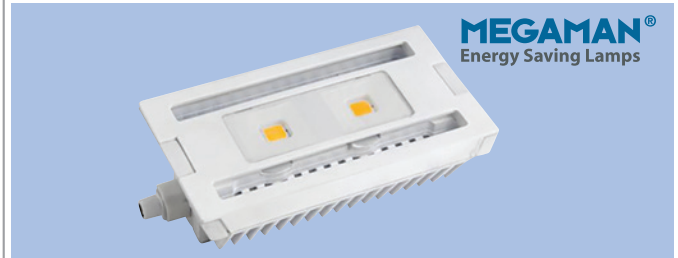
R7S Retrofit Lamps

Applications:

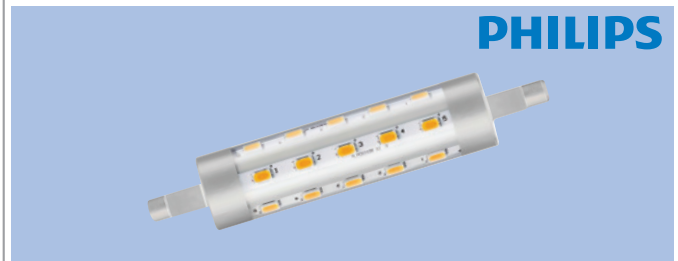
- Retrofit LED solution for inefficient halogen R7s lamps.

Benefits:

- Instant on.
- Potential large reduction in wattage consumed.



Watt	Colour	Beam Angle	Order Code
7W	4000K	78mm	2450006000
9W	4000K	118mm	2450006295



Watt	Colour	Order Code
8W	3000K	2450009156
14W	4000K	2450009286

T5 Fluorescent Tube Replacement

Applications:

- LED replacement for T5 fluorescent lamps.
- Soft-start function provides a gentle in-rush of current when switched on.
- The polycarbonate diffuser makes these tubes safe to use in food and drink preparation areas.

Benefits:

- Emergency and dimmable variants are available on request, as are warm white and daylight colour temperatures.
- Goodlight T5 LED's are supplied with an external driver.
- 50,000 hour lamp life. 5 year warranty (requires registration).
- Flicker free.
- Potential large reduction in wattage consumed.

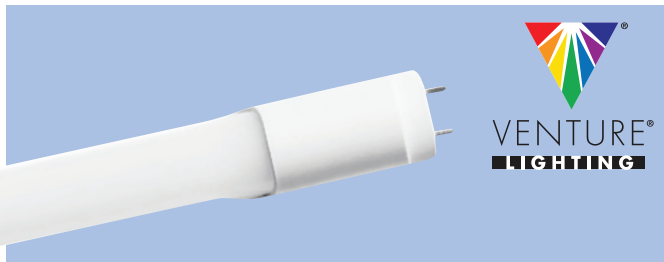


Watt	Colour	Length	Order Code
4W	6000K	300mm	2450000107
8W	6000K	549mm	2450005821
13W	6000K	849mm	2450005822
18W	6000K	1149mm	2450005823
22W	6000K	1449mm	2450005824

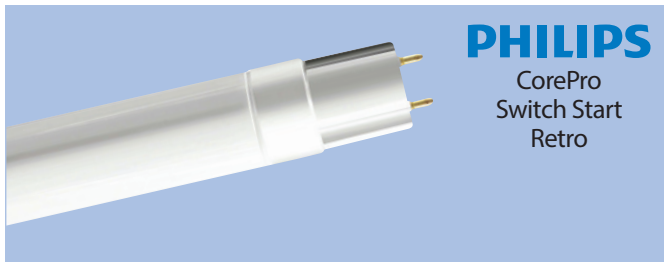


Watt	Colour	Length	Order Code
26W	4000K	1449mm	2450009813
26W	6500K	1449mm	2450009814
37W	4000K	1449mm	2450009811
37W	6500K	1449mm	2450009812

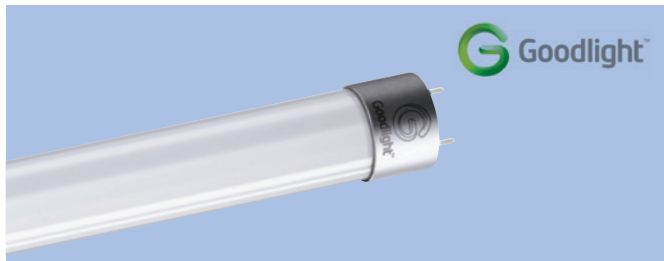
T8 Fluorescent Tube Replacement



Watt	Colour	Length	Order Code
9W	Cool White	600mm / 2ft	2450008471
9W	Daylight	600mm / 2ft	2450008472
18W	Cool White	1200mm / 4ft	2450008473
18W	Daylight	1200mm / 4ft	2450008474
22W	Cool White	1500mm / 5ft	2450008475
22W	Daylight	1500mm / 5ft	2450008476
28W	Cool White	1800mm / 6ft	2450008477
28W	Daylight	1800mm / 6ft	2450008478



Watt	Colour	Length	Order Code
8W	Cool White	600mm / 2ft	2450009297
8W	Daylight	600mm / 2ft	2450009298
16W	Cool White	1200mm / 4ft	2450009299
16W	Daylight	1200mm / 4ft	2450009300
20W	Cool White	1500mm / 5ft	2450009301
20W	Daylight	1500mm / 5ft	2450009302



Watt	Colour	Length	Order Code
10W	Daylight	600mm / 2ft	2450004525
15W	Daylight	900mm / 3ft	2450004527
18W	Daylight	1050mm / 3.5ft	2450006892
20W	Daylight	1200mm / 4ft	2450004529
25W	Daylight	1500mm / 5ft	2450004531
30W	Daylight	1800mm / 6ft	2450004533
35W	Daylight	2400mm / 8ft	2450005335

Emergency

10W	Daylight	600mm / 2ft	2450009383
20W	Daylight	1200mm / 4ft	2450008666
25W	Daylight	1500mm / 5ft	2450009385
30W	Daylight	1800mm / 6ft	2450009387
35W	Daylight	2400mm / 8ft	2450009389



Watt	Colour	Length	Order Code
15W	Cool White	1200mm / 4ft	2450009312
15W	Daylight	1200mm / 4ft	2450009313
20W	Cool White	1500mm / 5ft	2450009314
20W	Daylight	1500mm / 5ft	2450009315



Watt	Colour	Length	Order Code
9W	Warm White	600mm / 2ft	2450009287
9W	Cool White	600mm / 2ft	2450006091
9W	Daylight	600mm / 2ft	2450009288
15W	Cool White	900mm / 3ft	2450009289
15W	Daylight	900mm / 3ft	2450009290
16W	Warm White	1200mm / 4ft	2450009291
16W	Cool White	1200mm / 4ft	2450009292
16W	Daylight	1200mm / 4ft	2450009293
23W	Warm White	1500mm / 5ft	2450009294
23W	Cool White	1500mm / 5ft	2450009295
23W	Daylight	1500mm / 5ft	2450009296
25W	Cool White	1800mm / 6ft	2450006090



Watt	Colour	Length	Order Code
10.5W	Warm White	600mm / 2ft	2450009303
10.5W	Cool White	600mm / 2ft	2450009304
10.5W	Daylight	600mm / 2ft	2450009305
18W	Warm White	1200mm / 4ft	2450009306
18W	Cool White	1200mm / 4ft	2450009307
18W	Daylight	1200mm / 4ft	2450009308
25W	Warm White	1500mm / 5ft	2450009309
25W	Cool White	1500mm / 5ft	2450009310
25W	Daylight	1500mm / 5ft	2450009311

2D Replacement

Applications:

- 2D series of LED lamps are a self ballasted energy efficient alternative to existing 2D fluorescent versions.
- Consuming less than half the power, they have been designed to provide a quick and simple retrofit solution into existing 28W and 38W bulkhead fittings.



Watt	Base	Colour	Order Code
12W	2 Pin	4000K	2450008715
12W	4 Pin	3000K	2450008143
12W	4 Pin	4000K	2450005091
12W	4 Pin	6500K	2450006593
18W	4 Pin	3000K	2450007871
18W	4 Pin	4000K	2450005092
18W	4 Pin	6500K	2450009276

Kosnic Emergency Driver for 2D Lamps

Applications:

- The emergency driver to work with Kosnic 2D lamp retrofits to enable them to operate in emergency mode as well as standard.



Length	Width	Height	Order Code
120mm	80mm	24mm	2450006189

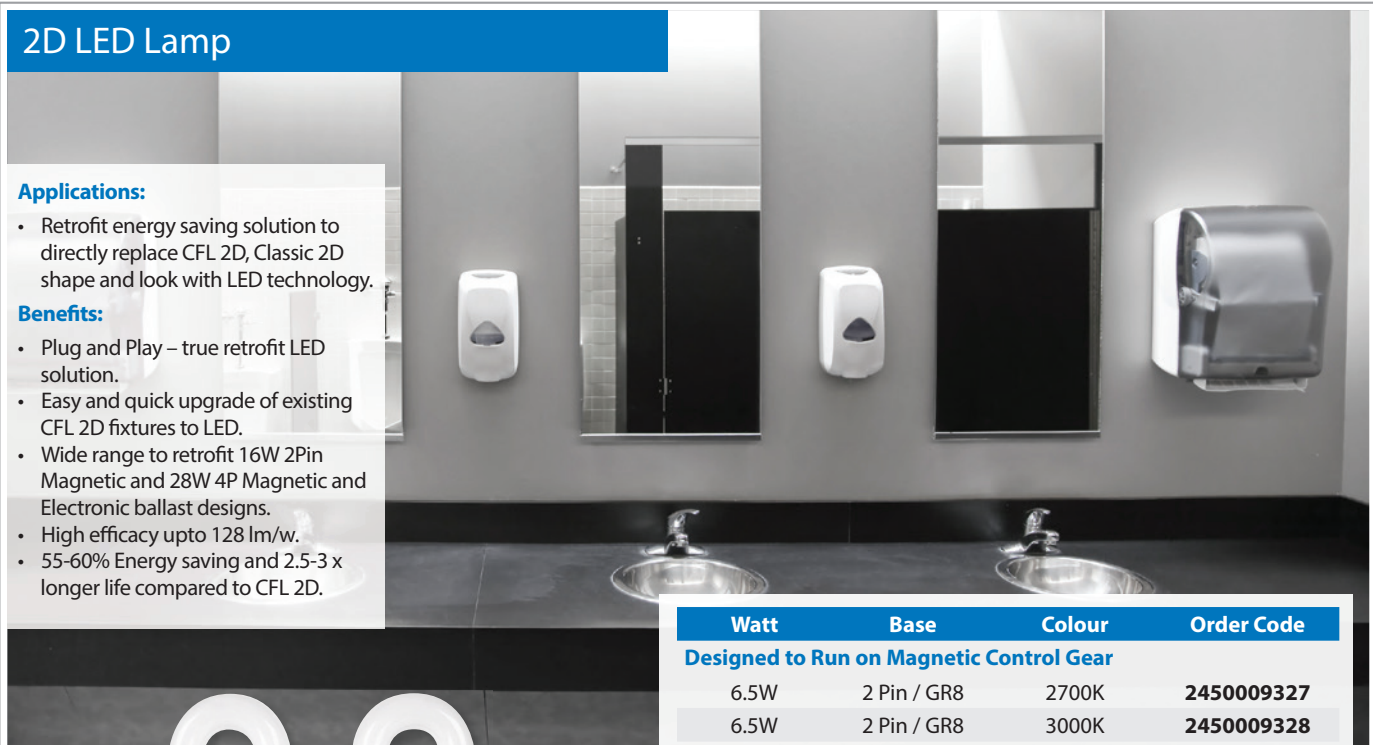
2D LED Lamp

Applications:

- Retrofit energy saving solution to directly replace CFL 2D, Classic 2D shape and look with LED technology.

Benefits:

- Plug and Play – true retrofit LED solution.
- Easy and quick upgrade of existing CFL 2D fixtures to LED.
- Wide range to retrofit 16W 2Pin Magnetic and 28W 4P Magnetic and Electronic ballast designs.
- High efficacy upto 128 lm/w.
- 55-60% Energy saving and 2.5-3 x longer life compared to CFL 2D.



Watt	Base	Colour	Order Code
Designed to Run on Magnetic Control Gear			
6.5W	2 Pin / GR8	2700K	2450009327
6.5W	2 Pin / GR8	3000K	2450009328
6.5W	2 Pin / GR8	3500K	2450009329
6.5W	2 Pin / GR8	4000K	2450009330
Designed to Run on Electronic Control Gear			
12.5W	4 Pin / GR10q	2700K	2450009331
12.5W	4 Pin / GR10q	3500K	2450009332
12.5W	4 Pin / GR10q	4000K	2450009333
Designed to Run on Magnetic Control Gear			
12.5W	4 Pin / GR10q	2700K	2450009334
12.5W	4 Pin / GR10q	3500K	2450009335
12.5W	4 Pin / GR10q	4000K	2450009336

PL Replacements

Applications:

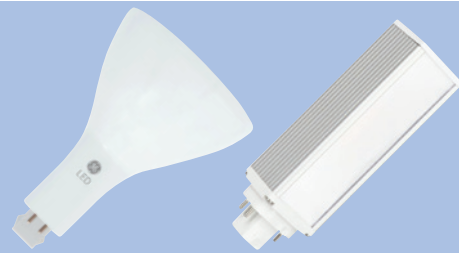
- Retrofit LED solutions to replace existing CFL TC-D and TC-T lamps in both 2 and 4 pin.
- They are perfect for a range of commercial and industrial applications, and can be combined with intelligent controls to offer increased energy saving.

Benefits:

- Up to 50,000 hour lamp life.
- Reduction in energy consumed.
- Instant on.



PHILIPS



Watt	Base	Colour	Order Code
6.5W	2 Pin / G24d-2	3000K	2450009173
6.5W	2 Pin / G24d-2	4000K	2450009105
6.5W	4 Pin / G24q-2	3000K	2450009175
6.5W	4 Pin / G24q-2	4000K	2450009176
8.5W	2 Pin / G24d-3	3000K	2450009174
8.5W	2 Pin / G24d-3	4000K	2450009106
9W	4 Pin / G24q-3	3000K	2450009177
9W	4 Pin / G24q-3	4000K	2450009178

Watt	Base	Colour	Order Code
Horizontal			
12.5W	4 Pin / G24q-3	2700K	2450009324
12.5W	4 Pin / G24q-3	3000K	2450009103
12.5W	4 Pin / G24q-3	4000K	2450009325
12.5W	4 Pin / G24q-3	6500K	2450009326
Vertical			
12.5W	4 Pin / G24q-3	2700K	2450009783
12.5W	4 Pin / G24q-3	4000K	2450009784
12.5W	4 Pin / G24q-3	6500K	2450009785

PL-L Replacement

Applications:

- LED replacement for standard CFL PL-L lamps.
- These lamps are super-bright, and deliver at least 50% cost, carbon and maintenance reduction.
- They switch on instantly, with no reliance on traditional control gear, requiring minimal maintenance.

Benefits:

- Potential 50% energy savings.
- Increased maintenance savings.



Length	Width	Height	Order Code
12W	4 Pin / 2G11	Natural White 4000K	2450005339
16W	4 Pin / 2G11	Natural White 4000K	2450005338
20W	4 Pin / 2G11	Natural White 4000K	2450004541
25W	4 Pin / 2G11	Natural White 4000K	2450009278

Corn Retrofit

Applications:

- LED retrofit lamps to replace high pressure sodium and metal halide lamps.
- Running straight from 240V, these lamps eliminate the need for reliance on external control gear.
- Providing an instant light, they also further increase the potential for energy saving when combined with smart controls.

Benefits:

- Instant on.
- No reliance on traditional control gear.
- Increased maintenance savings.
- Low energy consumption compared with traditional SON or MH predecessors.



Watt	Base	Colour	Order Code
Venture Economy			
20W	ES / E27	6000K	2450009235
30W	ES / E27	6000K	2450009236
40W	ES / E27	6000K	2450009237
60W	ES / E27	6000K	2450009238
80W	GES / E40	6000K	2450009239
100W	GES / E40	6000K	2450009240

Venture Professional			
20W	ES / E27	5000K	2450008451
20W	ES / E27	5700K	2450008452
35W	ES / E27	5000K	2450008448
35W	ES / E27	5700K	2450008447
35W	GES / E40	5000K	2450008450
35W	GES / E40	5700K	2450008449
45W	ES / E27	5000K	2450008444
45W	ES / E27	5700K	2450008443
45W	GES / E40	5000K	2450008446
45W	GES / E40	5700K	2450008445
60W	GES / E40	5000K	2450008442
60W	GES / E40	5700K	2450008441
80W	GES / E40	5000K	2450008440
80W	GES / E40	5700K	2450008439
100W	GES / E40	5000K	2450008438
100W	GES / E40	5700K	2450008437

Venture Professional - Mushroom Shape			
100W	GES / E40	5000K	2450008436
150W	GES / E40	5000K	2450008435

New Vision			
20W	ES / E27	6000K	2450006036
30W	ES / E27	6000K	2450006037
40W	GES / E40	6000K	2450006038
60W	GES / E40	6000K	2450006039
80W	GES / E40	6000K	2450006040
100W	GES / E40	6000K	2450006386

LED vs HID Equivalency

Existing MH or HPS Lamp Wattage		Equivalent LED Retrofit	% Energy Savings
50W		20W	60%
50/70W	Dependant on mounting height (Up to 6m)	35W	Up to 50%
70W		45W	35%
100W		60W	40%
150W		80W	47%
250/400W	Dependant on mounting height (Up to 6m)	100W	Up to 75%
400W		150W	62%

*The solution cannot be found
in an LED tube, it can only
be found in an LED module...*



- A new way to see light
- A revolutionary complete replacement for linear fluorescent
- T8/T5 variants
- Emergency lighting variants
- Luminaire agnostic
- Photometric integrity
- Bypass all existing control gear
- Rapid installation
- Reduce energy consumption
- ECA compliant
- Compliant to: EN 62031
EN 60598-1
EN 60598-2-22



Bright Stik

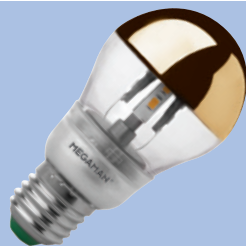


Applications:

- LED alternative to CFL stick type lamps.
- These lamps provide 100% instant output and are perfect for a range of commercial applications.

Watt	Cap	Colour	Order Code
6W	ES / E27	3000K	2450009337
10W	ES / E27	3000K	2450009339
10W	BC / B22D	3000K	2450009341
16W	ES / E27	3000K	2450009343
16W	BC / B22D	3000K	2450009345

GLS Crown



MEGAMAN
Energy Saving Lamps

- Megaman LED Crown lamps deliver non-glare lighting.
- Perfect for mirror frame and decorative lighting.

Watt	Base	Colour	Order Code
5W	ES / E27	Crown Silver	2450007753
5W	ES / E27	Crown Brass	2450008901

110V GLS



Watt	Base	Colour	Order Code
10.5W	BC / B22D	2700K	2450009259
10.5W	ES / E27	2700K	2450009260

GLS Non Dimmable



Watt	Base	Colour	Order Code
5.6W	ES / E27	2700K	2450008280
5.6W	ES / E27	5000K	2450008282
9.2W	ES / E27	2700K	2450008284
9.2W	ES / E27	5000K	2450008286
11.6W	ES / E27	2700K	2450008288
11.6W	ES / E27	5000K	2450008290
12.5W	ES / E27	2700K	2450008292
12.5W	ES / E27	5000K	2450008294
5.6W	BC / B22D	2700K	2450008281
5.6W	BC / B22D	5000K	2450008283
9.2W	BC / B22D	2700K	2450008285
9.2W	BC / B22D	5000K	2450008287
11.6W	BC / B22D	2700K	2450008289
11.6W	BC / B22D	5000K	2450008291
12.5W	BC / B22D	2700K	2450008293
12.5W	BC / B22D	5000K	2450008295



PHILIPS
CorePro

Watt	Base	Colour	Order Code
5.5W	BC / B22D	2700K	2450008613
5.5W	ES / E27	2700K	2450008612
5.5W	ES / E27	4000K	2450009160
8W	BC / B22D	2700K	2450008615
8W	ES / E27	2700K	2450008614
8W	ES / E27	4000K	2450009161
11W	BC / B22D	2700K	2450009164
11W	ES / E27	2700K	2450009163
11W	ES / E27	4000K	2450009162
13W	BC / B22D	2700K	2450009166
13W	ES / E27	2700K	2450009165



MEGAMAN
Energy Saving Lamps

Watt	Base	Colour	Order Code
11W	BC / B22D	2800K	2450006677
11W	ES / E27	2800K	2450006679

GLS Dimmable

Up to
12W
1150 lm



Watt	Base	Colour	Order Code
6.3W	ES / E27	2700K	2450008296
6.3W	ES / E27	5000K	2450008298
9W	ES / E27	2700K	2450008300
9W	ES / E27	5000K	2450008302
12W	ES / E27	2700K	2450008304
12W	ES / E27	5000K	2450008306
6.3W	BC / B22D	2700K	2450008297
6.3W	BC / B22D	5000K	2450008299
9W	BC / B22D	2700K	2450008301
9W	BC / B22D	5000K	2450008303
12W	BC / B22D	2700K	2450008305
12W	BC / B22D	5000K	2450008307

Up to
8.5W
806 lm



PHILIPS
Master DimTone

Watt	Base	Colour	Order Code
6W	BC / B22D	2700K	2450009157
6W	ES / E27	2700K	2450006919
8.5W	BC / B22D	2700K	2450009159
8.5W	ES / E27	2700K	2450009158

Up to
10.5W
810 lm



MEGAMAN
Energy Saving Lamps

Watt	Base	Colour	Order Code
10.5W	BC / B22D	2800K	2450006658
10.5W	ES / E27	2800K	2450006657

Bluetooth Control Dimmable GLS

Up to
11W
810 lm



MEGAMAN
Energy Saving Lamps

Applications:

- Megaman's INGENIUM BLU is a brand new series of Bluetooth enabled LED lamps which use Bluetooth technology to connect to and control lighting.
- Can only be controlled by a mobile app, available on both the App Store and Google Play Store.

Benefits:

- Dimmable, Smart control via Bluetooth.
- No internet connection required to control the lamps.

Watt	Base	Colour	Order Code
11W	ES / E27	2800K	2450008520
11W	BC / B22D	2800K	2450009279

GLS Sensor

Up to
6.6W
510 lm



Watt	Base	Colour	Order Code
6.6W	ES / E27	2700K	2450008308
6.6W	ES / E27	5000K	2450008310
6.6W	BC / B22D	2700K	2450008309
6.6W	BC / B22D	5000K	2450008311

Up to
8W
600 lm



MEGAMAN
Energy Saving Lamps

Watt	Base	Colour	Order Code
8W	ES / E27	2800K	2450006903

Candle (Clear) Non Dimmable

Up to
5.9W
480 lm



Watt	Base	Colour	Order Code
3.4W	SES / E14	2700K	2450008346
3.4W	SES / E14	5000K	2450008350
3.4W	ES / E27	2700K	2450008344
3.4W	ES / E27	5000K	2450008348
3.4W	SBC / BA15D	2700K	2450008347
3.4W	SBC / BA15D	5000K	2450008351
3.4W	BC / B22D	2700K	2450008345
3.4W	BC / B22D	5000K	2450008349
5.9W	SES / E14	2700K	2450008354
5.9W	SES / E14	5000K	2450008358
5.9W	ES / E27	2700K	2450008352
5.9W	ES / E27	5000K	2450008356
5.9W	SBC / BA15D	2700K	2450008355
5.9W	SBC / BA15D	5000K	2450008359
5.9W	BC / B22D	2700K	2450008353
5.9W	BC / B22D	5000K	2450008357

Candle (Clear) Dimmable

Up to
6W
500 lm



Watt	Base	Colour	Order Code
3.5W	SES / E14	2700K	2450008362
3.5W	SES / E14	5000K	2450008366
3.5W	ES / E27	2700K	2450008360
3.5W	ES / E27	5000K	2450008364
3.5W	SBC / BA15D	2700K	2450008363
3.5W	SBC / BA15D	5000K	2450008367
3.5W	BC / B22D	2700K	2450008361
3.5W	BC / B22D	5000K	2450008365
6W	SES / E14	2700K	2450008370
6W	SES / E14	5000K	2450008374
6W	ES / E27	2700K	2450008368
6W	ES / E27	5000K	2450008372
6W	SBC / BA15D	2700K	2450008371
6W	SBC / BA15D	5000K	2450008375
6W	BC / B22D	2700K	2450008369
6W	BC / B22D	5000K	2450008373

Candle (Clear) Non Dimmable

Up to
5.9W
480 lm



Watt	Base	Colour	Order Code
4W	SES / E14	2700K	2450009169
5.5W	SES / E14	2700K	2450009170

Candle (Clear) Dimmable

Up to
6W
470 lm



Watt	Base	Colour	Order Code
4W	SES / E14	2700K	2450006922
6W	SBC / BA15D	2700K	2450006928
6W	BC / B22D	2700K	2450006927
6W	SES / E14	2700K	2450006925
6W	ES / E27	2700K	2450009167

Up to
4W
470 lm



Watt	Base	Colour	Order Code
4W	SES	2700K	2450006923
4W	SES	2700K	2450006926

Candle (Frosted) Non Dimmable

Up to
5.9W
490 lm



Watt	Base	Colour	Order Code
3.4W	SES / E14	2700K	2450008314
3.4W	SES / E14	5000K	2450008318
3.4W	ES / E27	2700K	2450008312
3.4W	ES / E27	5000K	2450008316
3.4W	SBC / BA15D	2700K	2450008315
3.4W	SBC / BA15D	5000K	2450008319
3.4W	BC / B22D	2700K	2450008313
3.4W	BC / B22D	5000K	2450008317
5.9W	SES / E14	2700K	2450008322
5.9W	SES / E14	5000K	2450008326
5.9W	ES / E27	2700K	2450008320
5.9W	ES / E27	5000K	2450008324
5.9W	SBC / BA15D	2700K	2450008323
5.9W	SBC / BA15D	5000K	2450008327
5.9W	BC / B22D	2700K	2450008321
5.9W	BC / B22D	5000K	2450008325

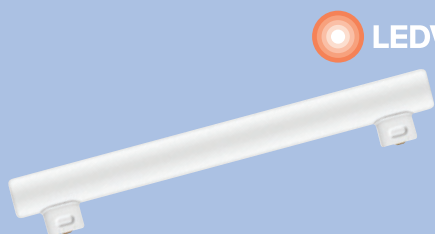
Candle (Frosted) Dimmable

Up to
6W
500 lm



Watt	Base	Colour	Order Code
3.5W	SES / E14	2700K	2450008330
3.5W	SES / E14	5000K	2450008334
3.5W	ES / E27	2700K	2450008328
3.5W	ES / E27	5000K	2450008332
3.5W	SBC / BA15D	2700K	2450008331
3.5W	SBC / BA15D	5000K	2450008335
3.5W	BC / B22D	2700K	2450008329
3.5W	BC / B22D	5000K	2450008333
6W	SES / E14	2700K	2450008338
6W	SES / E14	5000K	2450008342
6W	ES / E27	2700K	2450008336
6W	ES / E27	5000K	2450008340
6W	SBC / BA15D	2700K	2450008339
6W	SBC / BA15D	5000K	2450008343
6W	BC / B22D	2700K	2450008337
6W	BC / B22D	5000K	2450008341

Architectural Lamps



Watt	Base	Colour	Length	Order Code
5W	S14D	2700K	300mm	2450009807
5W	S14S	2700K	300mm	2450009808
8.5W	S14D	2700K	500mm	2450009809
8.5W	S14S	2700K	500mm	2450009810

Opal Striplights



Applications:

- LED striplights are designed to replace inefficient incandescent lamps.
- Used in a multitude of applications including shaver lights and picture lights, these lamps offer significant energy and maintenance savings.

Watt	Base	Order Code
2.5W	221mm	2450008045
4W	284mm	2450006862

Domestic LED Lamps | Clear & Frosted Golfballs

Golfball (Frosted) Non Dimmable

Up to
5.9W
490 lm



Watt	Base	Colour	Order Code
3.4W	SES / E14	2700K	2450008377
3.4W	SES / E14	5000K	2450008380
3.4W	ES / E27	2700K	2450008376
3.4W	ES / E27	5000K	2450008379
3.4W	SBC / BA15D	2700K	2450008378
3.4W	SBC / BA15D	5000K	2450008381
3.4W	BC / B22D	2700K	2450008522
3.4W	BC / B22D	5000K	2450008523
5.9W	SES / E14	2700K	2450008383
5.9W	SES / E14	5000K	2450008386
5.9W	ES / E27	2700K	2450008382
5.9W	ES / E27	5000K	2450008385
5.9W	SBC / BA15D	2700K	2450008384
5.9W	SBC / BA15D	5000K	2450008387
5.9W	BC / B22D	2700K	2450008524
5.9W	BC / B22D	5000K	2450008525

Golfball (Clear) Non Dimmable

Up to
5.9W
490 lm



Watt	Base	Colour	Order Code
3.4W	SES / E14	2700K	2450008393
3.4W	SES / E14	5000K	2450008397
3.4W	ES / E27	2700K	2450008392
3.4W	ES / E27	5000K	2450008395
3.4W	SBC / BA15D	2700K	2450008394
3.4W	SBC / BA15D	5000K	2450008396
3.4W	BC / B22D	2700K	2450008526
3.4W	BC / B22D	5000K	2450008527
5.9W	SES / E14	2700K	2450008400
5.9W	SES / E14	5000K	2450008403
5.9W	ES / E27	2700K	2450008398
5.9W	ES / E27	5000K	2450008401
5.9W	SBC / BA15D	2700K	2450008399
5.9W	SBC / BA15D	5000K	2450008402
5.9W	BC / B22D	2700K	2450008528
5.9W	BC / B22D	5000K	2450008529

Golfball (Frosted) Dimmable

Up to
6W
500 lm



Watt	Base	Colour	Order Code
3.5W	SES / E14	2700K	2450008388
3.5W	SES / E14	5000K	2450008389
6W	SES / E14	2700K	2450008390
6W	SES / E14	5000K	2450008391

Golfball (Clear) Dimmable

Up to
6W
500 lm



Watt	Base	Colour	Order Code
3.5W	SES / E14	2700K	2450008404
3.5W	SES / E14	5000K	2450008405
6W	SES / E14	2700K	2450008406
6W	SES / E14	5000K	2450008407

Up to
3.5W
250 lm



Watt	Base	Colour	Order Code
3.5W	BC / B22D	2800K	2450008115
3.5W	SES / E14	2800K	2450008672
3.5W	ES / E27	2800K	2450008674

Coloured LED GU10

Applications:

- A variety of coloured GU10 mains voltage LED lamps to suit various decorative applications.
- Low wattage options are for decorative settings.

Benefits:

- Extended lamp life.
- Low running costs.

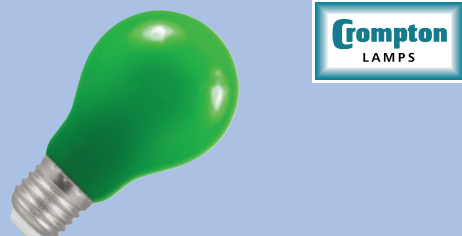


Watt	Colour	Order Code
1.5W	White	2450009815
1.5W	Blue	2450009816
1.5W	Green	2450009819
1.5W	Red	2450009817
1.5W	Yellow	2450009818



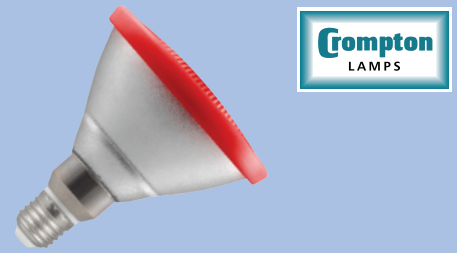
Watt	Colour	Order Code
5W	Amber	2450009824
5W	Blue	2450009823
5W	Green	2450009822
5W	Red	2450009821
5W	White	2450009820

Coloured LED GLS



Watt	Base	Colour	Order Code
1.5W	BC / B22D	Amber	2450009788
1.5W	BC / B22D	Blue	2450009790
1.5W	BC / B22D	Green	2450009792
1.5W	BC / B22D	Red	2450009794
1.5W	BC / B22D	Yellow	2450009796
1.5W	ES / E27	Amber	2450009789
1.5W	ES / E27	Blue	2450009791
1.5W	ES / E27	Green	2450009793
1.5W	ES / E27	Red	2450009795
1.5W	ES / E27	Yellow	2450009797

Coloured LED PAR38



Watt	Base	Colour	Order Code
13W	ES / E27	Clear	2450009262
13W	ES / E27	Blue	2450009265
13W	ES / E27	Green	2450009266
13W	ES / E27	Red	2450009263
13W	ES / E27	Yellow	2450009264

Coloured Golfball 240V

Applications:

- Decorative festoon lighting.

Benefits:

- Extended lamp life.
- Low running costs compared to incandescent versions.



Watt	Base	Colour	Order Code
1W	BC/BA22D	White	2450001912
1W	BC/BA22D	Blue	2450001913
1W	BC/BA22D	Yellow	2450001914
1W	BC/BA22D	Green	2450001915
1W	BC/BA22D	Red	2450001916
1W	BC/BA22D	RGB Colour Change	2450001918
1W	ES/E27	White	2450002925
1W	ES/E27	Blue	2450002920
1W	ES/E27	Yellow	2450002924
1W	ES/E27	Green	2450002921
1W	ES/E27	Red	2450002923
1W	ES/E27	RGB Colour Change	2450002926

Clear Filament Squirrel Cage Dimmable



Watt	Base	Colour	Order Code
4W	ES / E27	2700K	2450008431
4W	BC / B22D	2700K	2450008430

Clear Filament

Applications:

- Filament style LED lamps are designed to more closely replicate the look and feel of incandescent lamps.
- These lamps are designed for decorative light fittings to create an attractive visual effect, and are perfect for applications both domestically and commercially.



Watt	Base	Colour	Order Code
4W	ES / E27	2700K	2450008412
4W	BC / B22D	2700K	2450008413
6W	ES / E27	2700K	2450008414
6W	BC / B22D	2700K	2450008415



Watt	Base	Colour	Order Code
4W	SES / E14	2700K	2450008418
4W	ES / E27	2700K	2450008416
4W	SBC / BA15D	2700K	2450008419
4W	BC / B22D	2700K	2450008417



Watt	Base	Colour	Order Code
4W	SES / E14	2700K	2450008422
4W	BC / B22D	2700K	2450008421



Watt	Base	Colour	Order Code
4W	ES / E27	2700K	2450008428
4W	BC / B22D	2700K	2450008429



Watt	Base	Colour	Order Code
5W	ES / E27	2700K	2450007885
5W	BC / B22D	2700K	2450007886



Watt	Base	Colour	Order Code
5.5W	ES / E27	2700K	2450007887
5.5W	BC / B22D	2700K	2450007888



Watt	Base	Colour	Order Code
3W	SES / E14	2700K	2450007877
3W	ES / E27	2700K	2450007878
3W	SBC / BA15D	2700K	2450007879
3W	BC / B22D	2700K	2450007880



Watt	Base	Colour	Order Code
3.2W	SES / E14	2700K	2450007881
3.2W	ES / E27	2700K	2450007882
3.2W	SBC / BA15D	2700K	2450007883
3.2W	BC / B22D	2700K	2450007884

Gold Tinted Filament

EASILY CREATE
STUNNING LIGHTING

MEGAMAN®

THE MEGAMAN
**GOLD FILAMENT
LED RANGE**

The Gold Filament LED range has been designed with a **2200K colour temperature** to provide an extra warm illumination for creating mood lighting. This new trendy decorative lamp range is perfect for use in restaurant and bar applications.

Part of the

Economy Series



3W
GOLD FILAMENT
CLASSIC DIMMING
2200K

POWER
3
WATT

OUTPUT
UP TO
210
LUMENS

LIFE
UP TO
15,000
HOURS



3W
GOLD FILAMENT
ST58 DIMMING
2200K

POWER
3
WATT

OUTPUT
UP TO
210
LUMENS

LIFE
UP TO
15,000
HOURS



3W
GOLD FILAMENT
GLOBE DIMMING 95MM
2200K

POWER
3
WATT

OUTPUT
UP TO
210
LUMENS

LIFE
UP TO
15,000
HOURS



3W
GOLD FILAMENT
GLOBE DIMMING 125MM
2200K

POWER
3
WATT

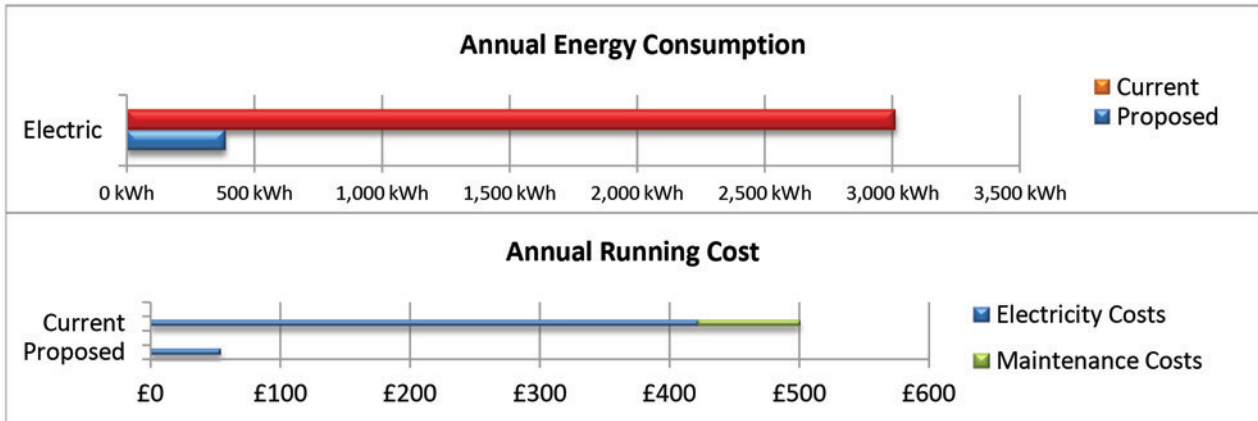
OUTPUT
UP TO
210
LUMENS

LIFE
UP TO
15,000
HOURS

Watt	Base	Colour	Order Code
Gold Dimmable GLS			
3W	ES / E27	2200K	2450009775
3W	BC / B22D	2200K	2450009776
Gold Dimmable ST58			
3W	ES / E27	2200K	2450009781
3W	BC / B22D	2200K	2450009782

Watt	Base	Colour	Order Code
Gold Dimmable 95mm Globe			
3W	ES / E27	2200K	2450009777
3W	BC / B22D	2200K	2450009778
Gold Dimmable 125mm Globe			
3W	ES / E27	2200K	2450009779
3W	BC / B22D	2200K	2450009780

Savings Example for Domestic Property



89% Energy Saved	£446.45 Annual Cost Savings:	87% Annual Carbon Savings
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Summary of Current Lighting

Description	QTY	Annual Running Costs
50w MR16	40	£349.44
60w GLS	6	£68.14
40w Candle	10	£82.99

Summary of Proposed Lighting

Description	QTY	Annual Running Costs
6w LED MR16	40	£36.69
9w LED GLS	6	£8.26
6w LED Candle	10	£9.17

Summary of Information

The payback was calculated using the following information.

Burning Hours per Year : 1,092 (4 hours a day, 7 days a week)
 Electric Price (£pKwH): £0.14

Gold Tinted Filament



Watt	Base	Colour	Order Code
4W	ES / E27	2700K	2450008420
4W	BC / B22D	2700K	2450008423



Watt	Base	Colour	Order Code
4W	ES / E27	2700K	2450008792
4W	BC / B22D	2700K	2450008793



COMMERCIAL LED FITTINGS

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LED Ceiling Panels

Applications:

- LED panels are an easy way to upgrade office and commercial premises to LED technology, without having to worry about changing over lamps or control gear.
- Compatible with existing 600x600mm grids, these panels simply lay in and connect straight to the mains power.
- When combined with intelligent controls, the energy saving can be increased still further, while the long life of the LED light sources can offer significant maintenance savings.

Benefits:

- Instant 100% light output.
- Quick and easy installation.
- Can be combined with intelligent controls for increased energy savings.



PHILIPS

Description	Watt	Colour	Order Code
600x600mm			
Standard	38W	4000K	2450009022
DALI	38W	4000K	2450009023
Emergency	38W	4000K	2450009024
DALI + Emergency	38W	4000K	2450009025
Standard	38W	5000K	2450009026
DALI	38W	5000K	2450009027
Emergency	38W	5000K	2450009028
DALI + Emergency	38W	5000K	2450009029
Edge Lit 600x600mm			
Edge lit Standard	27W	4000K	2450009030
Edge lit DALI	27W	4000K	2450009031
Edge lit Emergency	27W	4000K	2450009032
Edge lit DALI + Emergency	27W	4000K	2450009033
Edge lit Standard	27W	5000K	2450009034
Edge lit DALI	27W	5000K	2450009035
Edge lit Emergency	27W	5000K	2450009036
Edge lit DALI + Emergency	27W	5000K	2450009037
Edge Lit 600x1200mm			
Edge lit Standard	68W	4000K	2450009038
Edge lit DALI	68W	4000K	2450009039
Edge lit Emergency	68W	4000K	2450009040
Edge lit DALI + Emergency	68W	4000K	2450009281

Description	Watt	Colour	Order Code
Philips Coreline 600x600			
Recessed. Non Dimmable	29W	4000K	2450005301
Recessed. Non Dimmable	42W	4000K	2450005300
Philips Coreline 1200x200			
Surface Mounted. Non Dimmable	29W	4000K	2450005307
Surface Mounted. Non Dimmable	42W	4000K	2450005306
Philips Coreline 1200x300			
Recessed. Non Dimmable	29W	4000K	2450005303
Recessed. Non Dimmable	42W	4000K	2450005302

Downlights



Applications:

- LED downlights with an integrated light source, designed to replace CFL and halogen style downlights.
- Suitable for a range of commercial applications.

Benefits:

- Instant 100% light output.
- Quick and easy installation.
- Can be combined with intelligent controls for increased energy savings.

Description	Watt	Colour	Order Code
100mm Cutout	15W	3000K	2450008980
100mm Cutout	15W	4000K	2450008981
Diffused, 100mm Cutout	15W	3000K	2450008978
Diffused, 100mm Cutout	15W	4000K	2450008979
150mm Cutout	20W	3000K	2450008984
150mm Cutout	20W	4000K	2450008985
Diffused, 150mm Cutout	20W	3000K	2450008982
Diffused, 150mm Cutout	20W	4000K	2450008983
200mm Cutout	30W	3000K	2450008988
200mm Cutout	30W	4000K	2450008989
Diffused, 200mm Cutout	30W	3000K	2450008986
Diffused, 200mm Cutout	30W	4000K	2450008987

PHILIPS



Description	Watt	Colour	Order Code
150mm Cutout Aluminium Standard	11W	4000K	2450009771
150mm Cutout Aluminium DALI	11W	4000K	2450009772
150mm Cutout White Emergency	11W	4000K	2450009767
200mm Cutout White Standard	22W	4000K	2450009769
200mm Cutout White DALI	22W	4000K	2450009770
200mm Cutout Aluminium Standard	22W	4000K	2450009773
200mm Cutout Aluminium DALI	22W	4000K	2450009774
200mm Cutout White Emergency	22W	4000K	2450009768

Non Corrosive



Applications:

- LED non corrosive fittings with an IP65 rating can be used in a wide variety of internal and external applications.
- With extended life of up to 50,000hrs and energy saving of up to 50%.

- The polycarbonate diffuser eliminates the possibility of any glass contamination.

Benefits:

- Extended life of up to 50,000 hours.
- IP65 and IK08 protection.

Description	Colour	Order Code
1200mm Single	4000K	2450009006
1200mm Single	5000K	2450009010
1200mm Twin	4000K	2450009008
1200mm Twin	5000K	2450009012
1500mm Single	4000K	2450009007
1500mm Single	5000K	2450009011
1500mm Twin	4000K	2450009009
1500mm Twin	5000K	2450009013
1200mm Single with Emergency	4000K	2450009014
1200mm Single with Emergency	5000K	2450009018
1200mm Twin with Emergency	4000K	2450009016
1200mm Twin with Emergency	5000K	2450009020
1500mm Single with Emergency	4000K	2450009015
1500mm Single with Emergency	5000K	2450009019
1500mm Twin with Emergency	4000K	2450009017
1500mm Twin with Emergency	5000K	2450009021

PHILIPS



Description	Colour	Order Code
600mm Single	4000K	2450009758
1200mm Single	4000K	2450009759
1200mm Twin	4000K	2450009761
1500mm Single	4000K	2450009760
1500mm Twin	4000K	2450009762
600mm Single with Emergency	4000K	2450009757
1200mm Single with Emergency	4000K	2450009763
1200mm Twin with Emergency	4000K	2450009764
1500mm Single with Emergency	4000K	2450009765
1500mm Twin with Emergency	4000K	2450009766

Linear LED



Applications:

- Designed to replace standard fluorescent fixtures in interior and exterior applications.
- Sleek body, and IP65-protected with a high-density silicon rubber seal, making it waterproof (IP65), dust proof and anti-corrosive.
- The fitting is totally glass-free, featuring a shatterproof PC lens making it suitable for food and drink production environments.

- DALI and 0-10V dimmable variants are available on request, along with warm white and daylight colour temperatures.

Benefits:

- Up to 110 lumens per watt.
- 120 beam angle for optimal spread.
- IP65 protection.
- IK08 impact protection.
- 50,000 hour life.
- 5 year warranty (requires registration).

Watt	Colour	Length	Order Code
Standard			
20W	4000K	2ft / 600mm	2450009392
40W	4000K	4ft / 1200mm	2450009398
50W	4000K	5ft / 1500mm	2450009404

Watt	Colour	Length	Order Code
Emergency			
20W	4000K	2ft / 600mm	2450009395
40W	4000K	4ft / 1200mm	2450009401
50W	4000K	5ft / 1500mm	2450009407

Occuswitch



Wide Area Detection

LRM1015

3 PIR Element presence detector.
Surface mounted.
Universal use.
24° at 8m height.

Available on Request.



Presence Detection

LRM1070

Occuswitch classic, 25-30m².
Recessed mounted.
Presence detection with daylight override & daylight switching.

LRM1080

As LRM1070, but can be parallel linked to cover wide area's.



Replacement Switches

LRM1031/LRM1033

Movement detector, replacement for standard switch in existing installations. 2 Wire. Range: 160°, 8m.
Available on Request.



Corridor Detection

LRM1020

Movement detector for use in corridors.
Wall or ceiling mounted.
Range: 8m.

LRM1011

Ceiling mounted sensor with seperated load controller.
Presence sensor.
Universal use.
25-30m².

Available on Request.



Description	Order Code
LRM1070 Basic Movement Detector	2450004664
LRM1080 Advanced Movement Detector	2450004665
LRH1070 Occuswitch Ceiling Mounting Box For LRM1070/1080	2450004667
LRM1763 Wireless Sensor	2450004668
LRA1750 Wireless Actuator	2450004669

GE LED Retrofit Solutions



GE LED PlugIn

- Direct Retrofit to 26W & 32W 4 Pin CFL Plug In lamps
- Delivering up to 60% energy saving
- Up to 108 lm/W
- Can be operated on Electronic CFL Ballast only, visit below website for compatibility: www.gelighting.com/LEDPlugIn-compatibility

GE LED 2D

- Classic 2D shape and look with LED technology
- Plug and Play – true retrofit LED solution
- Up to 60% energy saving
- 40 000 hours life (L70) - up to 3x longer life than CFL 2D
- Wide range to retrofit 16W 2Pin Magnetic and 28W 4P Magnetic and Electronic ballast designs
- High efficacy: up to 128 lm/W
- Less than 1% flicker index



GE LED BrightStik

- 240 degrees beam angle
- By replacing a halogen lamp, you are saving more than £60
- Innovative, compact size fits more sockets than an ordinary bulb
- Instant full brightness with a warm, soft, white light
- Lasts 15 years at 2,7 hours/day you are saving 750 kWh
- High efficacy: up to 128 lm/W
- Environmentally friendly



www.gelighting.com/eu

Xylux Emergency LED



Applications:

- The XYLUX LR is the original recessed LED emergency luminaire.
- Available in a number of technological functions; including Central Battery and DALI the XYLUX LR represents the ultimate in multi-application emergency lighting.
- The XYLUX LR is a practical alternative to standard emergency luminaires and offers an unobtrusive powerful emergency lighting solution.
- The XYLUX LR is the original recessed LED emergency luminaire.
- High performance 3W LED.
- Integral bi-colour status indicator.
- Available in maintained or non-maintained operation.
- Articulated control gear for easy installation.
- SELV compliant.
- 3 hours emergency duration.
- High performance 3W LED.
- Integral bi-colour status indicator.

Description	Finish	Shape	Part No	Order Code
LR Maintained				
Non-AutoTest	White	Round	9001794	2450009351
Non-AutoTest	White	Square	9005299	2450009353
DALI	White	Round	9005255	2450009352
DALI	White	Square	9005304	2450009354
LR Non Maintained				
Non-AutoTest	White	Round	9001582	2450009349
Non-AutoTest	White	Square	9005297	2450009355
DALI	White	Round	9001581	2450009348
DALI	White	Square	9005302	2450009356
Central Battery	White	Round	9001592	2450009350
Central Battery	White	Square	9005307	2450009357
LR/A Non Maintained				
Non Maintained with Autotest				2450008062

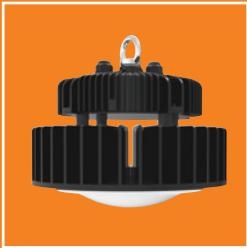
Engine & Module



Applications:

- TALEXX engine SLA ready2apply is the professional LED alternative for spotlights with halogen lamps (MR16 GU5.3 and GU10) - and comes with additional benefits, notably an increase in light output from 400lm to 600lm compared to MR16 GU10 230v halogen lamps. The connected load, however, is only 10 watts.
- Thanks to this greater efficiency, energy costs are reduced to one fifth, with dimming providing additional potential for energy savings.
- The popular faceted optics with their unmistakable lighting effect are retained, however.
- Dimming also meets the highest standards.
- Integrated heatsink and optics.
- High 600lm output. 30,000 hour life to L80.
- 3 year warranty.
- Compatible with main trailing edge market dimmers.

Beam	Colour	Watt	Volt	Length	Width	Height	Diameter	Order Code
21°	2700K	10W	240V	135mm	46mm	30mm	50mm	2450009436
38°	2700K	10W	240V	135mm	46mm	30mm	50mm	2450009437



INDUSTRIAL LED

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Dialight

Dialight's Industry Leading Vigilant® LED High Bay Fixture

Dialight is the world leader in LED industrial lighting technology with over 750,000 LED fixtures installed worldwide. Our Vigilant® LED High Bay fixtures offer industry leading efficiency for maximum return on investment and lower total cost of ownership. The fixtures are backed by Dialight's industry leading 10-year full performance warranty for more than a decade of reliable, worry-free performance in the world's harshest industrial environments.

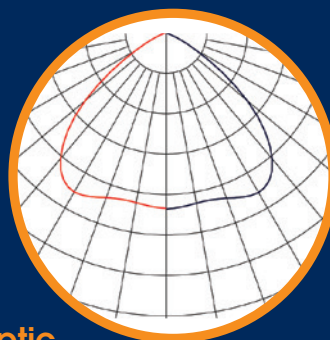
Vigilant® High Bay

- L70 rated for >150,000 hours @ 25°C ambient
- Up to 70% energy saving
- 10-year full performance warranty
- 125 lumens per watt
- Up to 26,500 lumens
- Maintenance free
- Significantly reduced glare
- Mercury free
- Resistant to shock and vibration
- No UV or IR
- Lens and optic variations



Take control of your lighting

- On / Off Control
- Dimming
- Occupancy Sensors



Medium optic

Learn more about Dialight & the industries we serve at www.dialight.com



Pulp & Paper



Automotive & Aerospace



Pharmaceutical & Biotech

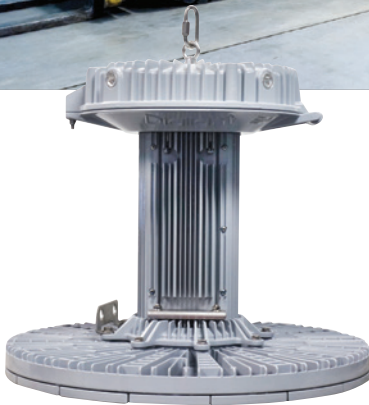


Food & Beverage



Energy & Utilities

Industrial High Bays



Description	Finish	Colour	Beam	Supplier Code	Order Code
60,000 Lumen					
-	Glass	4000K	-	H6EGNN44N-HNNG	2450009438
-	Glass	5000K	-	H6EGNC44N-HNNG	2450007330
Dimming	Glass	4000K	-	H6EGNN44D-HNNG	2450009439
Dimming	Glass	5000K	-	H6EGNC44D-HNNG	2450009440
26,000 Lumen					
-	Glass	5000K	Medium	HEEGMC4PN-HNG	2450007024
-	Polycarb	5000K	Narrow	HEE2NC4PD-HNG	2450009441
-	Polycarb	5000K	Oval	HEE2EC4PD-HNG	2450009442
Dome Lens, Dimming		5000K	Medium	HEELMC4PD-HNG	2450009443
Dimming	Polycarb	5000K	Medium	HEE2MC4PD-HNG	2450009444
Occupancy Sensor	Polycarb	5000K	Oval	HEE2EC4PK-JNG	2450009445
Dome Lens, Occupancy Sensor		5000K	Medium	HEELMC4PK-JNG	2450009446
Occupancy Sensor	Polycarb	5000K	Medium	HEE2MC4PK-JNG	2450009447
Wireless Control	Glass	5000K	Medium	HEEGMC4PJ-HNG	2450007327
Wireless Control	Polycarb	5000K	Medium	HEE2MC4PJ-HNG	2450009448
DALI	Glass	5000K	Medium	HEEGMC4PA-HNG	2450007326
DALI	Polycarb	5000K	Medium	HEE2MC4PA-HNG	2450009449
18,000 Lumen					
-	Glass	5000K	Medium	HEEGMC4KN-HNG	2450007023
Dimming	Polycarb	5000K	Narrow	HEE2NC4KD-HNG	2450009450
Dimming	Polycarb	5000K	Oval	HEE2EC4KD-HNG	2450009451
Dome Lens, Dimming		5000K	Medium	HEELMC4KD-HNG	2450009452
Dimming	Polycarb	5000K	Medium	HEE2MC4KD-HNG	2450009453
Occupancy Sensor	Polycarb	5000K	Oval	HEE2EC4KK-JNG	2450009454
Dome Lens, Occupancy Sensor		5000K	Medium	HEELMC4KK-JNG	2450009455
Occupancy Sensor	Polycarb	5000K	Medium	HEE2MC4KK-JNG	2450009456
Wireless Control	Glass	5000K	Medium	HEEGMC4KJ-HNG	2450007306
Wireless Control	Polycarb	5000K	Medium	HEE2MC4KJ-HNG	2450009457
DALI	Glass	5000K	Medium	HEEGMC4KA-HNG	2450007305
DALI	Polycarb	5000K	Medium	HEE2MC4KA-HNG	2450009458
14,000 Lumen					
-	Glass	5000K	Medium	HEEGMC4GN-HNG	2450007277
Dimming	Polycarb	5000K	Medium	HEE2MC4GD-HNG	2450009459
Occupancy Sensor	Polycarb	5000K	Medium	HEE2MC4GK-JNG	2450009460
Wireless Control	Glass	5000K	Medium	HEEGMC4GJ-HNG	2450007285
Wireless Control	Polycarb	5000K	Medium	HEE2MC4GJ-HNG	2450009461
11,000 Lumen					
-	Glass	5000K	Medium	HEEGMC4DN-HNG	2450007254
Dimming	Polycarb	5000K	Narrow	HEE2NC4DD-HNG	2450009462
Dimming	Polycarb	5000K	Oval	HEE2EC4DD-HNG	2450009463
Dome Lens, Dimming		5000K	Medium	HEELMC4DD-HNG	2450009464
Dimming	Polycarb	5000K	Medium	HEE2MC4DD-HNG	2450009465
Occupancy Sensor	Polycarb	5000K	Oval	HEE2EC4DK-JNG	2450009466
Dome Lens, Occupancy Sensor		5000K	Medium	HEELMC4DK-JNG	2450009467
Occupancy Sensor	Polycarb	5000K	Medium	HEE2MC4DK-JNG	2450009468
Wireless Control	Glass	5000K	Medium	HEEGMC4DJ-HNG	2450007262
Wireless Control	Polycarb	5000K	Medium	HEE2MC4DJ-HNG	2450009469

Applications:

- Dialight's Vigilant LED High Bay luminaires were designed specifically to replace conventional lighting in a wide variety of industrial applications, both indoor and outdoor.
- Hazardous area models are also available.

Benefits:

- 10 year full performance warranty available.
- L70 rated for >100,000 hours @ 25°C ambient.
- Instant on/off operation.
- Universal power supply.
- Superior colour rendition index compared to HPS, LPS, MV.
- Resistant to shock and vibration.
- Temperature compensation technology for longer life.

Industrial Floodlights

Dialight

Applications:

- The Vigilant® and Durosite LED Floodlights represent the future of energy efficient facility illumination for industrial applications worldwide.
- The lighting fixture consumes at least 50% less energy than traditional HID light sources, while reducing maintenance and carbon emissions.
- This product incorporates both cutting edge LED technology along with proprietary optics to achieve flood lighting comparable with other traditional light sources.

Benefits:

- 10 year full performance warranty
- L70 rated for >100,000 hours @ 25°C ambient
- Instant on/off operation
- IP66 rated.



Description	Watt	Finish	Colour	Beam	Supplier Code	Order Code
Vigilant Dual Flood. 55,000 Lumen	424W		5000K	35°	FLEB66MC2NG	2450009470
Vigilant Dual Flood. 53,000 Lumen	424W		5000K	92°	FLEBM0MC2NG	2450009471
15,000 Lumen	140W	Tough Glass	5000K	45°	FLE466MC4NG	2450008837
14,750 Lumen	140W	Tough Glass	5000K	70x105°	FLE467MC4NG	2450008838
14,500 Lumen	140W	Tough Glass	5000K	27°	FLE455MC4NG	2450009472
14,500 Lumen	140W	Tough Glass	5000K	26°	FLE444MC4NG	2450009473
13,500 Lumen	140W	Tough Glass	5000K	12°	FLE422MC4NG	2450009474
11,500 Lumen	109W	Tough Glass	5000K	45°	FLE276MC2NG	2450007042
11,250 Lumen	109W	Tough Glass	5000K	70x105°	FLE266MC2NG	2450007020
11,000 Lumen	109W	Tough Glass	5000K	27°	FLE255MC2NG	2450007041
10,750 Lumen	109W	Tough Glass	5000K	12°	FLE222MC2NG	2450007040

Industrial Linear

Dialight

Applications:

- The Dialight DuroSite® LED Linear luminaire with its low profile, rugged design ensures long life and high reliability for a wide variety of Industrial area applications.
- Offered in 34W and 67W versions to replicate the light output of typical 2 x 18W & 2 x 36W fluorescent luminaires respectively, Dialight offers a range of mounting options for use with the DuroSite® Linear luminaire.

Benefits:

- L70 rated for >150,000 hours @ 25°C ambient.
- 5 year full performance warranty.
- Significant energy savings.
- Easy retrofit solution for existing fluorescent fittings due to same size and fixing centres.
- Emergency versions are available.
- Stainless steel construction with IP66/67 rating.



Description	Colour	Supplier Code	Order Code
694mm, 2,600 Lumen, 3 Phase M25	4000K	EL-1N6M-SSCB-4	2450009475
1294mm, 5,100 Lumen, 3 Phase M25	4000K	EL-1N6R-SSCB-4	2450009476
1294mm, 5,100 Lumen	5000K	EL1-C3R-SSCB-CR	2450009477
1294mm 5,100 Lumen, Emergency	5000K	ELE-2C4R-SSCB-CR	2450009478
Low Profile Diffused, 3,300lm	5000K	LPE3C4B2W	2450009267
Low Profile Diffused, 6,700lm	5000K	LPE3C4H2W	2450009268

Industrial ATEX High Bays

Applications:

- The Dialight SafeSite® LED High Bay luminaire was designed specifically to replace conventional lighting in a wide variety of hazardous area applications, both indoor and outdoor.
- Its low profile light weight design and versatile mounting options make it ideal for High Bay applications for ATEX and IECEx classified hazardous area zones.

Benefits:

- 10 year full performance warranty.
- L70 rated for >150,000 hours @ 25°C ambient.
- Low power consumption.
- Instant on/off.
- Maintenance free.
- Mercury free.
- No UV or IR.
- Resistant to shock & vibration.
- Superior colour rendition index compared to HPS, LPS, MV.
- Optional glass retention film available.
- ATEX / IECEx Zone 1, 21.
- ATEX / IECEx Zone 2, 22.

Dialight



Description	Beam	Supplier Code	Order Code
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26,000 Lumen 5000K

Junction Box	Narrow	HEA9NC4PN-JCG	2450009482
Junction Box	Medium	HEA9MC4PN-JCG	2450009483

18,000 Lumen 5000K

Junction Box	Narrow	HEA9NC4KN-JCG	2450009484
Junction Box	Medium	HEA9MC4KN-JCG	2450009485

14,500 Lumen 5000K

-	Narrow	HBA9CMP	2450007231
Junction Box	Narrow	HBJA9CMP	2450007230

14,000 Lumen 5000K

Junction Box	Narrow	HEA9NC4GN-JCG	2450009486
Junction Box	Medium	HEA9MC4GN-JCG	2450009487



Description	Beam	Supplier Code	Order Code
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11,000 Lumen 5000K

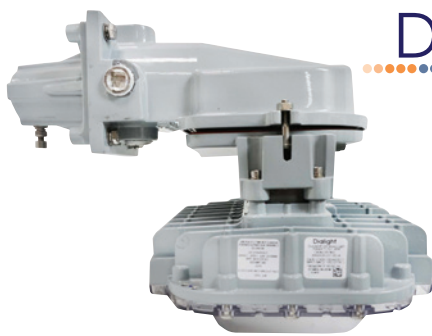
Junction Box	Narrow	HEA9NC4DN-JCG	2450009488
Junction Box	Medium	HEA9MC4DN-JCG	2450009489

-	Narrow	HBA9C4P	2450007229
Junction Box	Narrow	HBJA9C4P	2450007228

9,500 Lumen 5000K

-	Narrow	HBA9C4M	2450004765
Junction Box	Narrow	HBJA9C4M	2450007235

Industrial Conveyor Lights



Dialight

Applications:

- The design is optimized for conveyor walkways and offers improved performance across the board.
- The special wide-angle optics allows optimal illumination of the walkway minimising light spill to the sides.
- The mechanical design is optimized for applications in harsh environment.

Benefits:

- L70 rated for >100,000 hours @ 25°C ambient.
- 5 year full performance warranty.
- Instant on/off operation.
- Universal power supply.

Watt	Colour	Supplier Code	Order Code
58W	4000K	STWYC2N-CV34	2450009479

Industrial Area Lights

Applications:

- The DuroSite LED Area Light represents the future of energy efficient facility illumination for industrial applications worldwide.
- The lighting fixture consumes at least 50% less energy than traditional HID light sources, while reducing maintenance and carbon emissions.

Benefits:

- L70 rated for >100,000 hours @ 25°C ambient.
- 5 year full performance warranty.
- Instant on/off operation.
- Universal power supply.

Dialight



Watt	Colour	Beam	Supplier Code	Order Code
69W	5000K	360°	STWFC2N-EU	2450009480
69W	5000K	180°	STWEC2N-EU	2450009481
58W	5000K	360°	STW9C2N-EU	2450007342
58W	5000K	180°	STW8C2N-EU	2450007341

Industrial ATEX Linear

Dialight

Applications:

- The Dialight SafeSite® LED Linear luminaire with its low profile, rugged design ensures long life and high reliability for a wide variety of Industrial area applications.
- Offered in 34W and 67W versions to replicate the light output of typical 2 x 18W & 2 x 36W fluorescent luminaires respectively, Dialight offers a range of mounting options for use with the SafeSite® Linear.

Benefits:

- L70 rated for >150,000 hours @ 25°C ambient.
- 5 year full performance warranty.
- Significant energy savings.
- Easy retrofit solution for existing fluorescent fittings due to same size and fixing centres.
- Stainless steel construction.
- Emergency versions available on request.
- ATEX Zones 1, 21, ATEX Zones 2, 22.



Description	Watt	Colour	Supplier Code	Order Code
694mm, 2,600 lm, 3 Phase M25	34W	4000K	ELA-1N6M-SSCB4	2450009490
694mm 2,600 lm, 3 Phase M25, Emergency	34W	4000K	ELEA-2N7M-SSCB4	2450009358
1294mm, 5,100 lm, 3 Phase M25	67W	4000K	ELA-1N6R-SSCB4	2450009495
1294mm, 5,100 lm, 3 Phase M25, Emergency	67W	4000K	ELEA-2N7R-SSCB4	2450009359
694mm, 2,600 lm	34W	5000K	ELA-1C3M-SSCB	2450006840
694mm 2,600 lm, Emergency	34W	5000K	ELEA-2C4M-SSCB	2450007030
1294mm, 5,100 lm	67W	5000K	ELA-1N6M-SSCB4	2450006841
1294mm 5,100 lm, Emergency	67W	5000K	ELEA-2C4R-SSCB	2450007017



Industrial ATEX Arealights

Dialight

Applications:

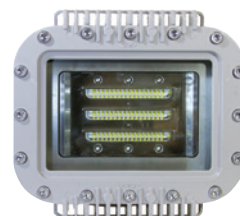
- The SafeSite® LED area light represents the future of energy efficient facility illumination for hazardous locations worldwide.
- The LED Area Light fixture consumes at least 50% less energy compared to traditional HID light sources, while reducing maintenance and carbon emissions.

Benefits:

- L70 rated for >100,000 hours @ 25°C ambient.
- 5 year full performance warranty.
- Instant on/off operation.
- 5 year warranty.
- More than 100,000 hours to L70 @ 25°C ambient.
- IP66.
- ATEX / IECEx Zone 1, 21, ATEX / IECEx Zone 2, 22.



Watt	Colour	Beam	Supplier Code	Order Code
58W	5000K	360°	HZA9C2N	2450007025
58W	5000K	180°	HZA8C2N	2450007380
58W	5000K	360°	HZJA9C2N	2450007386
58W	5000K	180°	HZJA8C2N	2450007384



Industrial ATEX Bulkheads

Dialight

Applications:

- The Dialight SafeSite® Bulkhead luminaire with its low profile rugged design ensures long life and high reliability for a wide variety of industrial applications. It is ideally suited for stairwells, platforms, exits, walkways, tunnels, subways and other industrial environments.
- Dialight offers flush, angle and adjustable mounting options for use with the SafeSite® Bulkhead as well as a recessed option.

Benefits:

- L70 rated for >100,000 hours @ 25°C.
- 5 year full performance warranty.
- Instant on/off operation.
- IP66.
- ATEX / IECEx Zone 1, 21, ATEX / IECEx Zone 2, 22.



Description	Lumens	Watt	Finish	Supplier Code	Order Code
3 Entry	34W	5000K	Oval	WPA-4C3L-NLGCE	2450007691
3 Entry, Emergency	36W	5000K	Oval	WEA-4C4L-NLGCE	2450009360



Industrial Accessories

Dialight

Watt	Supplier Code	Order Code
Wireless Occupancy Sensor	WOS-U12BG	2450009491
Gen 1 Wall Controller	WLC-004-MBAL	2450007535
Linear Ceiling Mount Bracket	ELX-CMB-SS	2450007018
Linear Eyelet Kit	ELX-EYE-SS	2450007031
Linear Pole Clamp Kit 47mm	ELX-PC-SS-47	2450007033
Linear Pole Clamp Kit 59mm	ELX-PC-SS-59	2450007035
Linear Wall Mount Bracket 30 Degree	ELX-WMB-SS-30	2450007036
Linear Wall Mount Bracket 45 Degree	ELX-WMB-SS-45	2450007037
Linear Wall Mount Bracket 90 Degree	ELX-WMB-SS-90	2450007039
High Bay Swivel Bracket	HBXW3	2450004251
316 Stainless Steel Adjustable Locking Bracket	HBXW3-SSL-316M	2450009492
304 Stainless Steel Forward Throw Bracket	FLX-THBX-SS	2450009361
Area Light Safety Cable Kit	HZX-SAFEKIT	2450007350
Area Light Aluminium Bracket + Pipe Clamp + Mounting Hardware	HZXW8	2450007355



Floodlights



Applications:

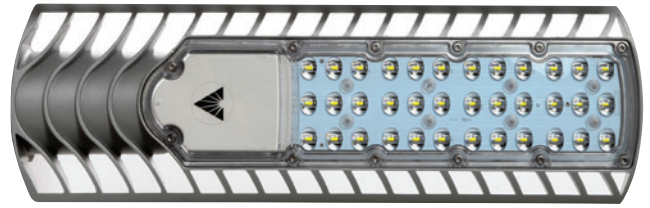
- To replace traditional metal halide, SON or halogen floodlights.
- Commonly used on building exteriors and car parks in many different industrial applications.

Benefits:

- Large reduction in wattage and carbon consumption.
- Instant on - no warm up times.
- Life of up to 30,000 hours reduces maintenance required.

Watt	Colour	Order Code
120 Degree		
10W	5000K	2450008509
20W	5000K	2450008511
30W	5000K	2450008513
50W	5000K	2450008515
60 Degree		
90W	5000K	2450008517
150W	5000K	2450008518

Streetlights

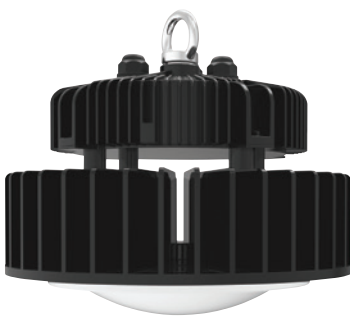


Applications:

- A comprehensive range of LED luminaires with enhanced longevity and reliability with the latest VLED Integrated Driver Technology (IDT) system for street lighting.
- These LED street lights offer the ability to extend the life of existing street lighting to 50,000 hours and can be retrofitted to almost any existing luminaire.

Watt	Colour	Order Code
Mini		
30W	5000K	2450008482
45W	5000K	2450008483
60W	5000K	2450008484
Standard		
60W	5000K	2450008572
90W	5000K	2450008573
120W	5000K	2450008574
150W	5000K	2450008575
180W	5000K	2450008576

High Bay Module + Reflectors



Applications:

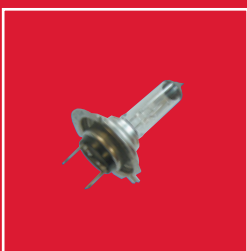
- LED high bays to replace traditional metal halide and sodium lighting.

PLEASE NOTE: The light modules as standard offer a 120 degree beam angle. To change this, you must also order a reflector – there are 60 degree and 90 degree options available.

Benefits:

- Large reduction in wattage and carbon consumption.
- Instant on - no warm up times.
- Life of up to 50,000 hours reduces maintenance required.

Description	Watt	Colour	Order Code
High Bays			
1-10V Dimmable	90W	5000K	2450008491
1-10V Dimmable	140W	5000K	2450008492
1-10V Dimmable	185W	5000K	2450008493
Reflectors			
60 Degree Reflector	-	-	2450008966
90 Degree Reflector	-	-	2450008594



LAMPS

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Energy Efficient Halogen Incandescent Shapes

For LED Alternative See Pages

10-21



Applications:

- A range of domestic lamp shapes using energy efficient halogen technology, which are up to 30% more efficient than their previous incandescent versions.

Benefits:

- Energy saving compared to incandescent styles.
- Longer life.

Watt	Base	Shape	Order Code
GLS			
30W	BC / B22D	-	2450005147
30W	ES / E27	-	2450005148
42W	BC / B22D	-	2450005149
42W	ES / E27	-	2450005150
70W	BC / B22D	-	2450005157
70W	ES / E27	-	2450005151
Candle			
BC / B22D	20W	-	2450003956
SES / E14	20W	-	2450003957
SBC / BA15D	30W	-	2450003958
BC / B22D	30W	-	2450003959
SES / E14	30W	-	2450003960
ES / E27	30W	-	2450003961
SBC / BA15D	42W	-	2450005984
BC / B22D	42W	-	2450004836
SES / E14	42W	-	2450003859
ES / E27	42W	-	2450004837
Golfball			
20W	BC / B22D	-	2450006277
20W	SES / E14	-	2450006276
30W	SBC / BA15D	-	2450006275
30W	BC / B22D	-	2450006274
30W	SES / E14	-	2450006273
30W	ES / E27	-	2450004984
Reflector			
30W	SES / E14	R50	2450005155
42W	ES / E27	R63	2450005154
42W	ES / E27	R80	2450005166

G9 Eco Halogen Capsule 240V

For LED Alternative See Page

11



Applications:

- Energy saving G9 lamps, reduce wattage consumed by around 30%.

Benefits:

- Mains voltage operation.
- Fully dimmable.
- 2000 hour life.
- UV filter.
- Integrated safety system.
- Dimmable.

Watt	Finish	Order Code
18W	Clear	2450006687
28W	Clear	2450006688
42W	Clear	2450004838

Antique Filament

For LED Alternative See Page

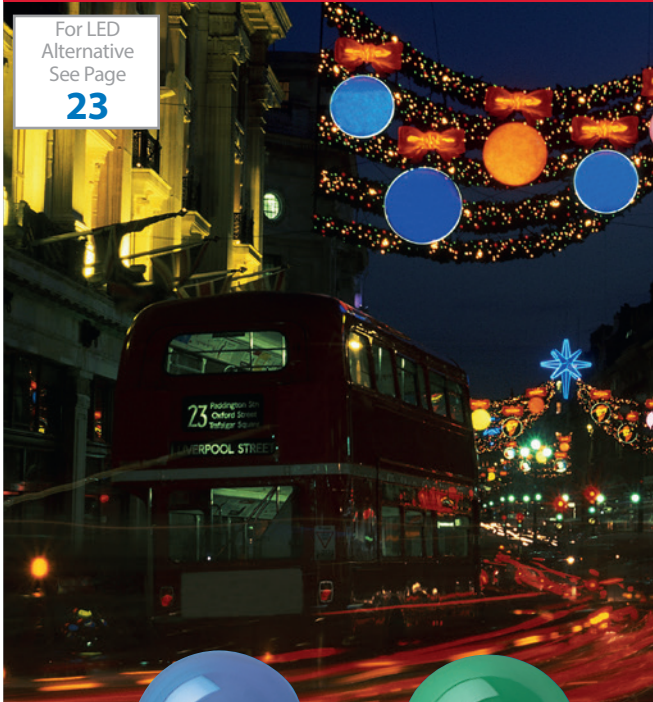
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Watt	Cap	Order Code
Globe 95mm Squirrel Cage Filament		
60W	BC / B22D	2450008708
Globe 80mm Spiral Filament		
60W	BC / B22D	2450008712
Globe 95mm Spiral Filament		
60W	BC / B22D	2450007770
ST64 64mm Squirrel Cage Filament		
40W	BC / B22D	2450006851
40W	ES / E27	2450006870
60W	BC / B22D	2450005910
60W	ES / E27	2450005818

Coloured GLS Lamps 240V

For LED Alternative See Page **23**



Applications:

- For decorative use in internal or external applications.

Benefits:

- Harlequin lamps have translucent coating to give sparkling appearance.
- Colourglazed lamps have an solid coloured finish to provide strong vibrant colours.
- 1000 hour life.

Watt	Base	Colour	Order Code
15W	BC / BA22D	Amber	2450061665
15W	BC / BA22D	Blue	2450061666
15W	BC / BA22D	Green	2450061667
15W	BC / BA22D	Pink	2450061668
15W	BC / BA22D	Red	2450061669
15W	BC / BA22D	Yellow	2450061670
15W	BC / BA22D	White	2450061671
15W	ES / E27	Blue Harlequin	2450068184
15W	ES / E27	Red Harlequin	2450068186
15W	ES / E27	Yellow Harlequin	2450068185
15W	ES / E27	Red	2450062014
15W	ES / E27	Yellow	2450062012
15W	ES / E27	Green	2450062013
25W	BC / BA22D	Amber	2450061672
25W	BC / BA22D	Blue	2450061673
25W	BC / BA22D	Green	2450061674
25W	BC / BA22D	Pink	2450061675
25W	BC / BA22D	Red	2450061676
25W	BC / BA22D	Yellow	2450061677
25W	BC / BA22D	White	2450061678
25W	ES / E27	Amber	2450001339
25W	ES / E27	Blue	2450062015
25W	ES / E27	Green	2450001340
25W	ES / E27	Red	2450062016
25W	ES / E27	Yellow	2450001306
40W	BC / BA22D	Blue	2450068188
40W	BC / BA22D	Red	2450068187
60W	BC / BA22D	Amber	2450002982
60W	BC / BA22D	Blue	2450004879
60W	BC / BA22D	Green	2450068190
60W	BC / BA22D	Red	2450068189
60W	BC / BA22D	Yellow	2450004880
60W	BC / BA22D	Pink	2450001206

Coloured Golfball 240V

For LED Alternative See Page **22**



Applications:

- Ideal for decorative use both internally and externally where standard A60 GLS lamps would be too large.

Benefits:

- Harlequin lamps have translucent coating to give sparkling appearance.
- Colourglazed lamps have an solid coloured finish to provide strong vibrant colours.
- 1000 hour life.

Watt	Base	Colour	Order Code
25W	BC / BA22D	Amber	2450061679
25W	BC / BA22D	Blue	2450061680
25W	BC / BA22D	Green	2450061681
25W	BC / BA22D	Pink	2450061682
25W	BC / BA22D	Red	2450061683
25W	BC / BA22D	Yellow	2450061684
25W	BC / BA22D	White	2450325608
25W	BC / BA22D	Amber Harlequin	2450001923
25W	BC / BA22D	Blue Harlequin	2450001924
25W	BC / BA22D	Green Harlequin	2450001925
25W	BC / BA22D	Red Harlequin	2450001926
25W	BC / BA22D	Yellow Harlequin	2450001927

Coloured Reflector Lamps 240V



Applications:

- Ideal for decorative use for spotlighting, disco lighting or display lighting.

Benefits:

- 1000 hour life.
- Internally fused for safety.

Watt	Base	Type	Colour	Order Code
40W	ES / E27	R64	Amber	2450062514
40W	ES / E27	R64	Blue	2450062517
40W	ES / E27	R64	Green	2450062008
40W	ES / E27	R64	Red	2450062518
40W	ES / E27	R64	Yellow	2450062516
60W	BC / B22D	R80	Blue	2450002984
60W	BC / B22D	R80	Green	2450002985
60W	BC / B22D	R80	Red	2450002983
60W	BC / B22D	R80	Yellow	2450066816
60W	ES / E27	R80	Amber	2450062519
60W	ES / E27	R80	Blue	2450062520
60W	ES / E27	R80	Green	2450062017
60W	ES / E27	R80	Red	2450062522
60W	ES / E27	R80	Yellow	2450062523

80W Coloured PAR38 240V

For LED
Alternative
See Page
23



Applications:

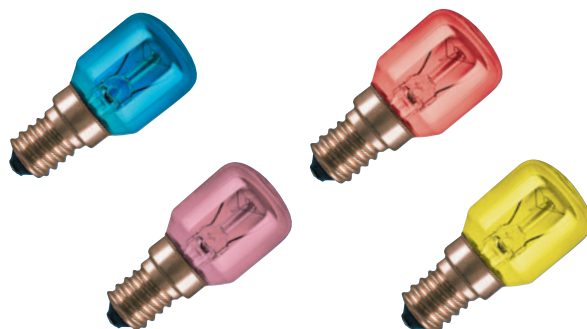
- Excellent for outdoor decorative use and highlighting at long distances.

Benefits:

- 2000 hour life.
- Internally fused for safety.

Base	Colour	Order Code
ES / E27	Blue	2450062054
ES / E27	Green	2450062055
ES / E27	Red	2450062052
ES / E27	Yellow	2450062053

15W Coloured Pygmy Lamps 240V



Applications:

- Ideal for decorative use both internally and externally.

Benefits:

- 1000 hour life.
- Internally fused for safety.

Base	Colour	Order Code
SBC / BA15D	Blue	2450007008
SBC / BA15D	Green	2450007009
SBC / BA15D	Pink	2450007010
SBC / BA15D	Red	2450061997
SBC / BA15D	Yellow	2450068191
BC / BA22D	Amber	2450061654
BC / BA22D	Blue	2450061656
BC / BA22D	Green	2450061658
BC / BA22D	Pink	2450061660
BC / BA22D	Red	2450061662
BC / BA22D	Yellow	2450061663
BC / BA22D	White	2450061664
SES / E14	Blue	2450063663
SES / E14	Green	2450068193
SES / E14	Red	2450068192
SES / E14	Yellow	2450068194

Fireglow Lamps 240V



Applications:

- Used in decorative feature fires.

Benefits:

- Flame effect warm glow.
- 2000 hour life.

Watt	Base	Finish	Order Code
40W	BC / BA22D	Fireflame	2450062641
60W	BC / BA22D	Fireflame	2450062642
60W	BC 3 Pin	Fireflame	2450062643

GLS Daylight Craft Lamps 240V



Applications:

- Any area where colour identification is important such as craftwork or printing presses.

Benefits:

- Blue glass absorbs the yellow part of the spectrum giving a whiter light.
- 1000 hour life

Watt	Base	Finish	Order Code
60W	BC / BA22D	Daylight Blue	2450007780
60W	ES / E27	Daylight Blue	2450007781
100W	BC / BA22D	Daylight Blue	2450007782
100W	ES / E27	Daylight Blue	2450007783

Rough Service GLS Lamps



Applications:

- Rough service lamps are made with stronger filaments and supports than standard GLS lamps, enabling them to be more resistant to vibration.

Benefits:

- 2000 hour life. Suitable for both indoor and outdoor use.
- Range of voltages available.
- Excellent colour reproduction.
- Average rated life 2000 hrs.

Watt	Volt	Base	Finish	Order Code
60W	12V	BC / BA22D	Pearl	2450063635
60W	12V	ES / E27	Pearl	2450064076
25W	25V	ES / E27	Pearl	2450062029
40W	25V	BC / BA22D	Pearl	2450063641
40W	25V	ES / E27	Pearl	2450004784
40W	25V	ES / E27	Clear	2450007907
60W	25V	BC / BA22D	Clear	2450062721
25W	50V	ES / E27	Pearl	2450006106
40W	50V	BC / B22D	Pearl	2450004820
40W	50V	ES / E27	Clear	2450062620
60W	50V	BC / BA22D	Clear	2450063659
60W	50V	ES / E27	Clear	2450007909
60W	110V	BC / B22D	Pearl	2450063636
60W	110V	ES / E27	Clear	2450005072
40W	240V	BC / B22D	Pearl	2450005566
40W	240V	ES / E27	Pearl	2450007784
60W	240V	BC / B22D	Pearl	2450006060
60W	240V	ES / E27	Pearl	2450006009

Clear Pygmy Lamps



Applications:

- Suitable for signs, decorative festoons, display cabinets.

Benefits:

- 1000 hour life.
- Variety of voltages and wattages available to suit all applications.

Watt	Volt	Base	Order Code
15W	25V	SBC / BA15D	2450062511
15W	25V	BC / BA22D	2450064649
15W	25V	SES / E14	2450064647
15W	25V	ES / E27	2450064648
25W	25V	SES / E14	2450064650
15W	50V	SBC / BA15D	2450064645
15W	50V	BC / BA22D	2450064646
15W	50V	SES / E14	2450000644
15W	50V	ES / E27	2450064644
25W	50V	SBC / BA15D	2450000626
15W	110V	SBC / BA15D	2450322957
15W	110V	BC / BA22D	2450322956
15W	110V	ES / E27	2450064642
15W	240V	SBC / BA15D	2450003053
15W	240V	BC / BA22D	2450003054
15W	240V	SES / E14	2450000552
15W	240V	ES / E27	2450067077
25W	240V	BC / BA22D	2450003051

Crown Silver Lamps 240V

For LED Alternative See Page

18



Applications:

- Any area where having less lamp glare is important, e.g mirrors.

Benefits:

- Avoids disturbing glare from the light due to the top of the reflector being silvered and the lower part having a clear finish.

Watt	Base	Shape	Order Code
40W	SES / E14	Golfball	2450062021
60W	BC / B22D	GLS	2450007014
60W	ES / E27	GLS	2450008242

35mm Low Voltage Candle Lamps



Applications:

- For use in low voltage fittings.

Benefits:

- 1000 hour life.

Watt	Volt	Base	Finish	Order Code
60W	110V	SBC / BA15D	Clear	2450062011
60W	110V	SES / E14	Clear	2450008588

Clear Flicker Candle Lamps 240V



Applications:

- A realistic and decorative flickering flame effect lamp.

Base	Order Code
SBC / BA15D	2450324765
BC / BA22D	2450324764
SES / E14	2450324766

35mm Candle 240V Tough

For LED
Alternative
See Page
20



Applications:

- Traditional candle shape lamps.
- Ideal for use in chandeliers and wall sconces.

Benefits:

- 2000 hour life.
- Fully dimmable.

Watt	Cap	Order Code
25W	BC/B22	2450324734
25W	SBC/B15	2450324735
25W	SES/E14	2450324736
25W	ES/E27	2450006334
40W	BC/B22	2450324740
40W	SBC/B15	2450324741
40W	SES/E14	2450324742
40W	ES/E27	2450009060
60W	BC/B22	2450324746
60W	SBC/B15	2450324747
60W	SES/E14	2450324748
60W	ES/E27	2450009272

Chandelier Candle 240V



Applications:

- For use in domestic and commercial decorative lighting where the look of the lamp is important.

Watt	Base	Finish	Candle Shape	Order Code
15W	MES / E10	Clear	Chandelier	2450325584
15W	SBC / BA15D	Clear	Chandelier	2450325585
15W	SES / E14	Clear	Chandelier	2450325586

Reflector Lamps 240V

For LED
Alternative
See Page
10



Watt	Base	Type	Order Code
30W	SES / E14	R39	2450008803
60W	ES / E27	R64	2450008702
60W	BC / BA22D	R80	2450008816

45mm Golfball 240V Tough



Applications:

- For use in domestic and commercial applications such as table lamps, floor lamps, decorative light fittings.

Benefits:

- 2000 hour life.
- Fully dimmable.

Watt	Cap	Order Code
25W	SBC/B15	2450325605
25W	SES/E14	2450325607
25W	ES/E27	2450325606
40W	BC/B22	2450325612
40W	SBC/B15	2450325613
40W	SES/E14	2450325615
40W	ES/E27	2450325614
60W	BC/B22	2450325620
60W	SBC/B15	2450325621
60W	SES/E14	2450325623
60W	ES/E27	2450325622

Clear 45mm Golfball Low Voltage



Applications:

- For use in low voltage fittings both internally and externally.

Benefits:

- Range of low voltage options available.
- 2000 hour life.

Watt	Volt	Base	Order Code
40W	12V	ES / E27	2450061992
25W	24V	BC / BA22D	2450068224
40W	24V	BC / BA22D	2450001969

Opal Architectural Lamps 240V

For LED Alternative See Page **21**



Applications:

- Suitable for use in aquariums, pictures, mirrors and kitchen cabinets.

Benefits:

- PRP - Double Pointed Peg.

Watt	Base	Length	Order Code
110W	PRP	920mm	2450062178

Striplights 240V

For LED Alternative See Page **21**



Applications:

- Bedroom and kitchen luminaires such as picture lights, cabinet lights and shaver lights.

Benefits:

- 221 or 284mm lengths.
- Clear or opal finish.
- 1000 hour life.

Watt	Finish	Order Code
221mm		
30W	Clear	2450003039
30W	Opal	2450003040
60W	Clear	2450003043
60W	Opal	2450003044
284mm		
30W	Clear	2450003041
30W	Opal	2450003042
60W	Clear	2450003045
60W	Opal	2450003046

Traffic



Watt	Volt	Base	Order Code
50W	10V	PX22S	2450000627
70W	240V	E27	2450062034

300W PAR56 Lamps 240V



Applications:

- Suitable for retail, hospitality, residential and consumer lighting.

Benefits:

- 2000 hour life.

Base	Beam	Order Code
GX16D	Narrow Spot	2450062049
GX16D	Medium Flood	2450062047
GX16D	Wide Flood	2450062048

Navigation Lamps



Applications:

- For marine applications.

Watt	Volt	Base	Order Code
25W	24V	BAY15D	2450068173
60W	240V	E27/ES	2450064635
65W	240V	P28S	2450062088

Swimming Pool PAR56 12V



Applications:

- For use in 12V applications, most notably in swimming pool lighting.

Watt	Base	Order Code
300W	Screw Terminal	2450062050

Ceramic Halogen 240V



Applications:

- Suitable for use in open luminaires, ideal for wall washers and uplighters.

Benefits:

- Mains voltage operation.
- Constant lumen maintenance.
- Excellent colour rendering.
- Double lamp life in comparison with standard incandescent lamps.

Watt	Base	Finish	Order Code
70W	ES / E27	Clear	2450004450
100W	ES / E27	Clear	2450004451
150W	ES / E27	Clear	2450004448
205W	ES / E27	Clear	2450003937

JD Lamps 240V

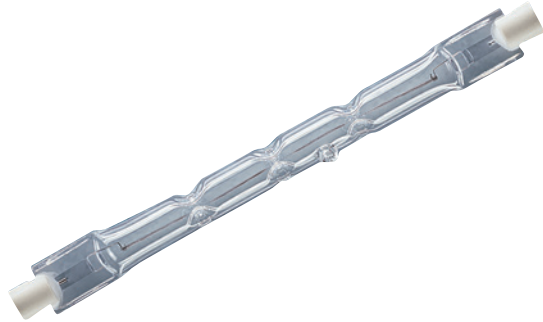


Benefits:

- 2000hr lamp life.
- Fully dimmable.
- Single ended.

Watt	Base	Order Code
75W	SES / E14	2450327094
150W	SBC / BA15D	2450004452
150W	SES / E14	2450000592
250W	MES / E10	2450002235

Linear Halogen R7s 240V



Applications:

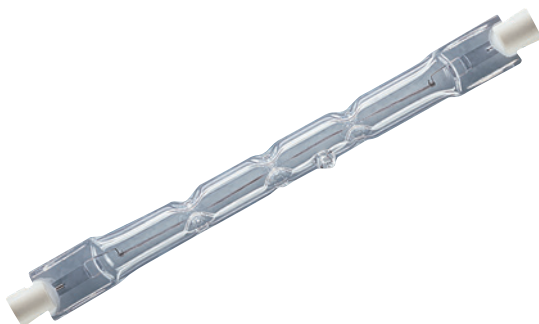
- For use in interior luminaires, uplighters, wall washers and external floodlights with covered glass.

Benefits:

- 2000 hour life.

Watt	Length	Order Code
60W	80mm	2450068103
80W	118mm	2450062147
100W	80mm	2450062141
120W	80mm	2450062143
120W	118mm	2450062149
130W	118mm	2450003206
200W	118mm	2450068238
250W	80mm	2450062145
1000W	189mm	2450324688
1000W	254mm	2450062153
1500W	254mm	2450062155
2000W	333mm	2450062139

Linear Halogen R7s 110V



Applications:

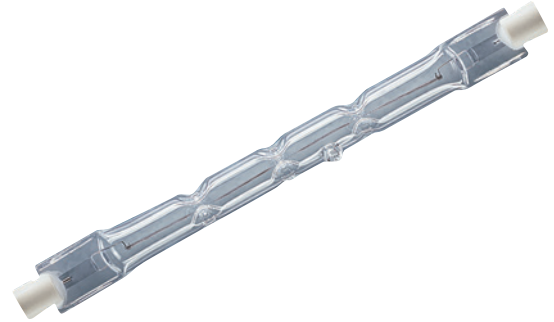
- For use in external floodlights with covered glass, discreet light fittings, covered food serveries and 110V site lighting.

Benefits:

- Universal burning position.
- 2000 hour life.

Watt	Length	Order Code
150W	118mm	2450062148
300W	118mm	2450062136
500W	118mm	2450062137
750W	189mm	2450062150
1000W	189mm	2450062151
1500W	254mm	2450062154

Eco Linear Halogen R7s 240V



Applications:

- Energy saving linear halogen lamps.
- Designed to reduce the wattage consumed by around 30%, while maintaining light output.

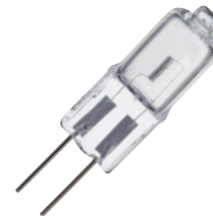
Benefits:

- 2000 hour life.
- Mains voltage operation.

Watt	Equivalent	Length	Order Code
48W	60W	80mm	2450004156
120W	150W	80mm	2450004155
120W	150W	118mm	2450004154
160W	200W	118mm	2450003893
230W	300W	118mm	2450062157
400W	500W	118mm	2450004935

Halogen Capsules 12V

For LED Alternative See Page **11**



Applications:

- A range of 12V halogen capsule lamps to operate on 12V transformers.

Benefits:

- Fully dimmable.
- Range of bases and wattages available.

Watt	Volt	Base	Supplier Code	Order Code
5W	12V	G4	M9	2450062723
10W	12V	G4	M91	2450061521
10W	12V	G4	M91-N	2450061522
20W	12V	G4	M47	2450001887
20W	12V	G4	M86	2450061515
20W	12V	GY6.35	M76	2450001892
35W	12V	GY6.35	M75	2450001891
50W	12V	GY6.35	M32	2450061496
50W	12V	GY6.35	M32-N	2450061497
50W	12V	GY6.35	M74	2450001890
75W	12V	GY6.35	M73	2450061510
100W	12V	GY6.35	M180	2450001894
90W	12V	GY6.35	M180	2450062096

Open Dichroics



Applications:

- Dichroic lamps without cover glass.
- Can be used in fibre optic applications.

- These lamps MUST be used in luminaires with a cover glass.

Benefits:

- 2000 hour life.
- Fully dimmable.

Watt	Volt	Base	Order Code
35mm			
5W	6V	GU4	2450064654
10W	6V	GU4	2450064655
5W	12V	GU4	2450064656
50mm			
20W	12V	G5.3	2450062725
35W	12V	G5.3	2450068131
50W	12V	G5.3	2450068126
50W	12V	G5.3	2450001886

Energy Saving Dichroics 50mm 12V



Applications:

- These energy saving MR16 lamps offer double the standard lamp life, offering potential maintenance savings.
- Common uses include shops, hotels, restaurants, museums and galleries.

Benefits:

- 5000 hour life.
- Dimmable.
- 20W replacement for 35W.
- 35W replacement for 50W.
- 50W replacement for 75W.

Watt	Beam	Supplier Code	Order Code
20W	10°	M268IR	2450307640
20W	24°	M294IR	2450241953
20W	38°	M269IR	2450307642
20W	60°	M290IR	2450307643
35W	10°	M271IR	2450307644
35W	24°	M270IR	2450307645
35W	36°	M281IR	2450068253
35W	60°	M224IR	2450068254
50W	10°	M249IR	2450000484
50W	24°	M250IR	2450307649
50W	38°	M258IR	2450307650
50W	60°	M280IR	2450307651

Standard Dichroic Closed

For LED Alternative See Page

8



Applications:

- Suitable for open luminaires. MR8 - 25mm GU4. MR11 - 35mm GU4. MR16 - 50mm G5.3.
- Commonly used in domestic and commercial downlights and spotlighting.

Benefits:

- 2000 hour life.
- 12V Operation.
- Fully dimmable.
- Glass cover also protects from dust and humidity.

Watt	Volt	Base	Beam	Order Code
25mm				
10W	12V	G4	30°	2450006143
20W	12V	G4	36°	2450001255
35W	12V	G4	36°	2450001860
35mm				
10W	12V	G4	36°	2450063763
12W	12V	G4	7°	2450062083
20W	12V	G4	10°	2450307652
20W	12V	G4	26°	2450062167
20W	12V	G4	30°	2450000254
35W	12V	G4	30°	2450000255
35W	12V	G4	30°	2450062073
35W	12V	G4	21°	2450062165
35W	12V	G4	30°	2450068127
50mm				
20W	12V	G5.3	12°	2450062078
20W	12V	G5.3	36°	2450062524
35W	12V	G5.3	12°	2450062072
35W	12V	G5.3	24°	2450062525
35W	12V	G5.3	36°	2450002995
35W	12V	G5.3	36°	2450062473
50W	12V	G5.3	36°	2450000256
50W	12V	G5.3	55°	2450062086
20W	24V	G5.3	38°	2450184809
35W	24V	G5.3	38°	2450215660

Black Backed Dichroics



Applications:

- For use in design orientated areas.
- Offices and business premises, restaurants, museums, galleries and shop windows.

Watt	Beam	Order Code
20W	36°	2450068132
35W	36°	2450004958
50W	24°	2450068133
50W	36°	2450004987

Square Dichroic 50mm 12V



Applications:

- For use with appropriate square fittings.

Benefits:

- G5.3 Base.
- Unique square shape.

Watt	Beam	Order Code
50W	60°	2450001352

High Performance Dichroic 35mm & 50mm 12V



Applications:

- Used in accent, task and decorative lighting in shops, hotels and restaurants.

Benefits:

- 4,000 hour life.
- Cool beam, heat is transmitted backwards.
- UV blocked front glass.

Watt	Base	Beam	Order Code
35mm			
20W	GU4	10°	2450307652
20W	GU4	38°	2450307653
35W	GU4	10°	2450307654
35W	GU4	38°	2450307655
50mm			
20W	G5.3	60°	2450307658

Coloured Dichroics 12V



Watt	Base	Colour	Order Code
35mm			
20W	G4	Red	2450001434
20W	G4	Blue	2450001435
20W	G4	Green	2450001436
20W	G4	Yellow	2450001437
20W	G4	Amber	2450001438
50mm			
20W	G5.3	Red	2450001443
20W	G5.3	Blue	2450001444
20W	G5.3	Green	2450001445
20W	G5.3	Yellow	2450001446
20W	G5.3	Amber	2450001447
35W	G5.3	Red	2450001439
35W	G5.3	Blue	2450000585
35W	G5.3	Green	2450001440
35W	G5.3	Yellow	2450001441
35W	G5.3	Amber	2450001442
50W	G5.3	Blue	2450062079
50W	G5.3	Red	2450062080
50W	G5.3	Yellow	2450062081
50W	G5.3	Green	2450062082

Aluminium Reflectors



Applications:

- Ideal for display lighting in retail and commercial applications such as shops, libraries and museums.

Benefits:

- Highly efficient.
- Good colour rendering.
- 3000 hour life.

Watt	Volt	Finish	Beam	Diameter	Order Code
20W	12V	GY4	8°	48mm	2450061652
20W	24V	GY4	8°	48mm	2450062691
20W	12V	SBC / BA15D	18°	56mm	2450063638
20W	12V	SBC / BA15D	16°	56mm	2450062726
20W	12V	SBC / BA15D	32°	56mm	2450063634
20W	12V	SBC / BA15D	8°	70mm	2450062692
20W	12V	SBC / BA15D	24°	70mm	2450062693
50W	12V	SBC / BA15D	8°	70mm	2450062694
50W	12V	SBC / BA15D	24°	70mm	2450062695

111 mm Aluminium Reflector G53

For LED Alternative See Page **9**



Applications:

- Ideal for display lighting in retail and commercial applications such as shops, libraries and museums.

Benefits:

- 3000 hour lamp life.
- Low voltage 12V operation.

Watt	Volt	Beam	Order Code
35W	6V	4°	2450062098
35W	12V	24°	2450062074
50W	12V	4°	2450005139
50W	12V	24°	2450005597
60W	12V	45°	2450308782
75W	12V	24°	2450062095
75W	12V	45°	2450003930
100W	12V	8°	2450001449
100W	12V	24°	2450005025

Mains Voltage Par 240V

For LED Alternative See Pages **6,7 & 11**



Applications:

- Suitable for indoor and outdoor lighting.
- Commonly used in 240V downlights, track fittings and spotlights.

Benefits:

- 2000 hour life.
- Mains voltage operation - no transformer needed.
- UV filter.
- Operates on standard dimmer switches.

Watt	Cap	Beam	Order Code
50mm / PAR16			
35W	GU10	25°	2450001040
35W	GU10	25°	2450001895
40W	SES / E14	25°	2450001043
50W	GU10	25°	2450002103
50W	GU10	25°	2450326882
50W	GU10	50°	2450000519
50W	GU10	50°	2450001349
50W	GU10	Flood	2450068051
50W	GZ10	Flood	2450063655
63mm / PAR20			
50W	GU10	25°	2450325472
75W	GU10	50°	2450001042
95mm / PAR30			
75W	ES / E27	30°	2450001044
100W	ES / E27	30°	2450001041
111mm / ES111			
75W	GU10	24°	2450324815
120mm / PAR38			
75W	ES / E27	10°	2450324412
75W	ES / E27	10°	2450000489
100W	ES / E27	10°	2450324411

50W Coloured GU10 Lamps 240V

For LED
Alternative
See Page
22



Applications:

- For use in deck lights, decorative spot lighting, accent lighting.

Benefits:

- High coloured light output.
- 2000 hour life.

Colour	Order Code
Blue	2450270339
Red	2450270338
Green	2450004426
Magenta	2450002185
Pink	2450008507
Yellow	2450270341

Entertainment



Applications:

- Used in theatre lighting, slide projectors, film projectors.

Benefits:

- Tight beam control.
- Closely specified colour temperatures.

Watt	Volt	Base	Supplier Code	Order Code
75W	12V	G5.3	M117/64617	2450068183
100W	12V	BA15S	9061663	2450064702
100W	240V	PG12-1	BFL3312	2450001039
300W	240V	G17q-7	9061052	2450064716
500W	240V	G17q-7	9060669	2450064720

Medical



Applications:

- Lamps used in medical and dental equipment.

Watt	Volt	Base	Supplier Code	Order Code
75W	12V	G5.3	Philips 13865 Par	2450000661
40W	22.8V	G6.35	Hanaulux H018769 Capsule	2450065396
50W	22.8V	G6.35	Hanaulux H56115282 Capsule	2450068180
50W	22.8V	G6.35	Osram 64650 Capsule	2450062633
35W	24V	G6.35	HG6024035 Capsule	2450000651
50W	24V	BX22D	Hanaulux H016678	2450061277
50W	24V	G8	DKK	2450068076
120W	24V	-	Hanaulux H6950	2450068181
50W	50V	BX22D	Hanaulux H016685	2450068178

Airfield Lamps



Applications:

- For use on airfields and runways.

Benefits:

- Intense light output.

Watt	Base	Amps	Supplier Code	Order Code
36W	G6.35	6A	J1/59	2450068241
200W	G6.35	6.6A	J1/39	2450068136

Halogen Capsules 6V, 24V, 28V, 120V, 240V



Applications:

- For use in open luminaires in many commercial and domestic applications.

Benefits:

- Single ended compact light source.
- High lumen output.
- UV filter.
- Axial filament produces more uniform light distribution than transverse filament.

Watt	Volt	Base	Supplier Code	Order Code
10W	6V	G4	M29	2450001888
10W	6V	G4	M42	2450061505
10W	6V	G4	M42-N	2450061506
15W	6V	B15D	M20	2450061492
20W	6V	G4	M30	2450061495
20W	6V	G4	M34-N	2450061500
50W	24V	GY6.35	M89	2450061519
50W	24V	GY6.35	M89-N	2450061520
100W	24V	GY6.35	64638	2450330562
100W	24V	GY6.35	M67	2450061509
150W	24V	GY6.35	M184	2450330561
250W	24V	GY6.35	M33	2450061498
250W	24V	GY6.35	M36-N	2450061502
10W	28V	GU4	M2810	2450062682
300W	240V	GY9.5	M38	2450001902
500W	240V	GY9.5	M40	2450007763

A Class Projectors



Applications:

- Can be used in overhead projectors, cinema projectors, printers, scanners, cameras, processors, plasma screens and TVs.

Benefits:

- Better light output than M Class.
- Compact light source.
- UV filter.

Watt	Volt	Base	Supplier Code	Order Code
50W	12V	GY6.35	A1/220	2450061471
100W	12V	GY6.35	A1/215	2450061469
100W	12V	GY6.35	A1/231	2450061476
150W	15V	GY6.35	A1/232	2450061477
150W	15V	GY6.35	A1/234	2450001899
150W	24V	GY6.35	A1/216	2450061470
150W	24V	GY9.5	A1/262	2450061487
250W	24V	GX5.3	A1/259	2450001901
250W	24V	GY6.35	A1/223	2450061472
400W	36V	GY6.35	A1/239	2450001900
300W	240V	G6.35	A1/249	2450064708
500W	240V	GY9.5	A1/244	2450061481
600W	240V	R7S	A1/228	2450061473

Ansi Coded Projectors



Applications:

- Ideal for display lighting, projectors, studios and performance theatres.

Benefits:

- Excellent light output.

Watt	Volt	Base	Supplier Code	Order Code
50W	12V	G5.3	ENL	2450062665
50W	13.8V	GX5.3	EPZ	2450061532
85W	13.8V	GX5.3	DED	2450061526
90W	14.5V	GX5.3	EPV	2450061531
80W	19V	GX5.3	DDM	2450061524
150W	20V	GX5.3	DDL	2450061523
150W	21V	GX5.3	EKE	2450061527
250W	82V	GX5.3	EXY	2450068124
250W	120V	GY5.3	ENH	2450061529
400W	240V	GX9.5	FSY	2450061178

T Class Projectors 240 Volt



Applications:

- Used in theatres, studios and arenas.

Benefits:

- Excellent light output.

Watt	Base	Supplier Code	Order Code
500W	GY9.5	T25/18	2450061550
500W	P28S	T17/24	2450061549
500W	P28S	T28	2450061552
600W	G9.5	GKV	2450064021
650W	GX9.5	T21	2450062676
650W	GY9.5	T27	2450061551
1000W	GX9.5	T11/T19	2450001253
1000W	P28S	T14	2450061548
1200W	G9.5	T29	2450062028

P Class Projectors



Applications:

- For use in photographic processing or film processing.

Benefits:

- Tungsten halogen lamps for black/white and colour film processing.
- For video applications.
- Balanced for 3400K sensitised material.

Watt	Volt	Base	Supplier Code	Order Code
650W	120V	R7S	P2/6 (FAD)	2450063767
300W	240V	GX6.35	P1/23	2450064080
650W	240V	GX6.35	P1/13	2450064081
800W	240V	R7S	P2/11	2450061542
800W	240V	R7S	P2/13	2450062625
1000W	240V	R7S	P2/20	2450061544
2000W	240V	R7S	P2/27 (FEX)	2450063765

Studio Lamps



Applications:

- For use in TVs, video and film studios.

Benefits:

- Control colour temperature at 3200K for sensitised material.

Watt	Volt	Base	Supplier Code	Order Code
300W	120V	G6.35	CP96	2450061570
300W	240V	G6.35	CP97	2450061571
300W	240V	GY9.5	CP81	2450061564
500W	240V	GX16D	CP86	2450061567
500W	240V	GX16D	CP87	2450061568
500W	240V	GX16D	CP88	2450061569
500W	240V	GY9.5	CP82	2450061565
575W	240V	G9.5	HPL575	2450000320
650W	240V	GY9.5	CP89	2450065395
1000W	240V	G22	CP40	2450061555
1000W	240V	GX16D	CP60S	2450061558
1000W	240V	GX16D	CP61S	2450061559
1000W	240V	GX16D	CP62S	2450061560
1000W	240V	GX9.5	CP70	2450061553
2000W	240V	G38	CP41	2450061556
2000W	240V	GY16	CP72	2450061557

Iode Lamps



Applications:

Can be used in sports grounds, navigation, enclosed fittings, car parks and building sites.

Benefits:

- Double jacketed.
- High wattage.
- Thermal shock resistant outer jacket.
- Produces crisp white light.

Watt	Volt	Base	Supplier Code	Order Code
500W	240V	E40	8004N	2450061539
2000W	240V	E40	8006N	2450061541



For every space, **every solution**
Stylish, energy-saving, affordable and
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innovation ✦ you



CoreLine **Panel**
 Page 27



CoreLine **Waterproof**
 Page 28



MASTER **LEDspot**
 Page 7



PHILIPS

Hard Glass Infrared

VICTORY

Applications:

- Infrared reflector and globe lamps for a range of heating applications such as agricultural and paint drying.

Benefits:

- 5000 hour life.
- Hardened glass.
- 75% of visible light reduced by ruby glass.



Watt	Volt	Base	Order Code
Clear			
150W	240V	ES / E27	2450062158
R125 Clear			
175W	240V	ES / E27	2450009322
250W	110V	ES / E27	2450009319
250W	240V	BC / B22D	2450062160
250W	240V	ES / E27	2450062058
300W	240V	ES / E27	2450061164
375W	110V	ES / E27	2450009321
375W	240V	ES / E27	2450062060
R125 Ruby			
250W	240V	ES / E27	2450008679
PAR38 Clear			
100W	240V	ES / E27	2450062068
175W	240V	ES / E27	2450062069
175W	240V	ES / E27	2450009323
G30 Round Clear			
375W	110V	ES / E27	2450009320

Reptile

VICTORY



Applications:

- Made for reptiles, these UV and IR lamps are specifically for use in vivariums to provide the correct combination of heat and light to suit a wide range of captive reptile species.
- Please make your selection carefully, the incorrect item can harm the reptile.
- UV lighting must be changed every 6 months as the strength of UV output reduces over time.

Benefits:

- Assist in the stimulation of natural circadian rhythms.
- Improves production of Vitamin D3.
- Helps to stimulate natural mating instincts.



Watt	Cap	Colour	Length	Order Code
5% UVB CFL				
13W	ES / E27	6500K	180mm	2450009362
23W	ES / E27	6500K	180mm	2450009364
26W	ES / E27	6500K	180mm	2450009366
10% UVB CFL				
13W	ES / E27	6500K	180mm	2450009363
23W	ES / E27	6500K	180mm	2450009365
26W	ES / E27	6500K	180mm	2450009367
5% UVB T8				
15W		6500K	18in	2450009368
18W		6500K	24in	2450009369
25W		6500K	30in	2450009370
30W		6500K	36in	2450009371
36W		6500K	48in	2450009372
10% UVB T8				
15W		6500K	18in	2450009373
18W		6500K	24in	2450009374
25W		6500K	30in	2450009375
30W		6500K	36in	2450009376
36W		6500K	48in	2450009377
Ceramic Lamp				
60W	ES / E27		100mm	2450009378
75W	ES / E27		100mm	2450009379
100W	ES / E27		100mm	2450009380
150W	ES / E27		140mm	2450009381
250W	ES / E27		140mm	2450009382

Ruby & Gold Infrared Patio

Applications:

- For use on restaurant terraces, outdoor seating areas, patios, warehouses, churches, and meeting halls.

Ruby Infrared Benefits:

- More than 85% of the consumed energy is transmitted into infrared heat.

Gold Infrared Benefits:

- Improved colour rendering compared to ruby lamp, less glare.
- Rapid source of heating.



Watt	Volt	Base	Length	Order Code
Ruby				
850W		SK15S	197mm	2450068240
1000W		SK15S	526mm	2450064651
1300W		R7S	254mm	2450238540
1500W		SK15S	346mm	2450064630
1500W		R7S	348mm	2450000538
2000W		SK15S	344mm	2450062134
Gold				
1000W	120V	SK15S	353mm	2450009318
1300W	240V	R7S	254mm	2450002243
1400W	240V	R7S	225mm	2450002186
1500W	240V	SK15S	353mm	2450002244
2000W	240V	SK15S	353mm	2450004663

Hard Glass Infrared Catering Reflectors

Applications:

- Infrared lamps provide a clean and efficient heat source for catering equipment like serveries and heated counters.



Watt	Volt	Base	Order Code
Clear			
150W	240V	ES / E27	2450062158
R125 Clear			
175W	240V	ES / E27	2450009322
250W	110V	ES / E27	2450009319
250W	240V	BC / B22D	2450062160
250W	240V	ES / E27	2450062058
275W	240V	ES / E27	2450062159
300W	240V	ES / E27	2450061164
375W	110V	ES / E27	2450009321
375W	240V	ES / E27	2450062060
R125 Ruby			
150W	240V	ES / E27	2450062161
250W	240V	ES / E27	2450008679
PAR38 Clear			
175W	240V	ES / E27	2450062069
PAR38 Ruby			
175W	240V	ES / E27	2450009323
G30 Round Clear			
375W	110V	ES / E27	2450009320

Catering Double Ended



Applications:

- For use in catering services and food counters.

Benefits:

- Clear outer jacket helps prevent glass contamination if lamp blows while in operation.

Watt	Volt	Base	Colour	Length	Order Code
300W	240V	R7S	Clear	118mm	2450062123
300W		R7S	Clear	118mm	2450001333
300W		R7S	Clear	220mm	2450001332
500W		SK15S	Clear	216mm	2450062111
1000W		R7S	Clear	346mm	2450327294
1000W		BARE Wire	Clear	-	2450062120

Patio & Industrial - Clear & Reflected



Watt	Volt	Base	Colour	Length	Order Code
500W	110V	STRAP	Clear	241mm	2450062118
500W	120V	SK15S	Reflected	165mm	2450062112
500W	240V	SK15S	Reflected	216mm	2450062122
500W	240V	SK15S	Clear	216mm	2450063661
1000W	240V	STRAP	Reflected	370mm	2450062125
1000W	240V	SK15S	Reflected	360mm	2450062116
1000W	240V	STRAP	Clear	370mm	2450062113
2000W	240V	SK15S	Reflected	353mm	2450062115
2000W	240V	STRAP	Clear	370mm	2450062128
3000W	415V	STRAP	Reflected	798mm	2450062117

NEED A PROJECTOR LAMP?



All we need to know is: Manufacturer of the projector + Model number of the projector



Cage

Lamp

Diamond Lamps offer an original manufacturer lamp in a 3rd party cage, meaning the savings made in only purchasing the lamp can be passed on directly to our customers.

Call your local Rexel branch for more information

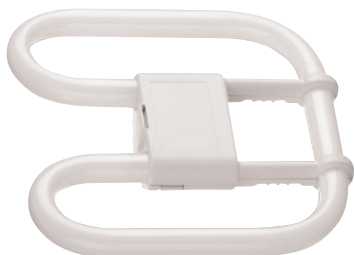
We can offer lamps from all these manufacturers, and more:

3D Perception | Christie | Geha | Luxeon | ProjectionDesign | Teq | 3M | Cineversum | Hewlett Packard
 Marantz | Promethean | Toshiba | Acer | Clarity | Hitachi | Medion | Proxima | Utax
 Anders Kern | DELL | Hustem | Mitsubishi | Sagem | Viewsonic | Anthem | Digital Projection | IBM
 NEC | Sanyo | Vivitek | Ask | Dongwon | InFocus | Nobo | Saville AV | AV Vision | Dream Vision
 JVC | Optoma | Sharp | Barco | Dukane | Kindermann | Panasonic | Smartboard | BENQ | Eike
 Knoll | Planar | Sony | Boxlight | Elmo | LG | Plus | TA | Canon | Epson | Liesegang | Premier | Taxan

2D / TC-DD / PL-Q Lamps

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Colour Temperature	Order Code
16W 2 Pin	
827	2450003784
827	2450001727
830	2450000363
835	2450003230
840	2450002912
860	2450003996
16w 4 Pin	
827	2450003826
827	2450001728
835	2450003239
835	2450319778
28W 2 Pin	
827	2450006233
835	2450319781
840	2450003713
28W 4 Pin	
827	2450001729
830	2450000399
835	2450003221
835	2450319782
840	2450003574
840	2450002836
860	2450004967
865	2450004997
38W 4 Pin	
827	2450319786
830	2450001731
835	2450003820
835	2450319785
840	2450001571
840	2450002916
860	2450006059

TC-S / PL-S / BIAX-S / DULUX S / LYNX S 2pin G23

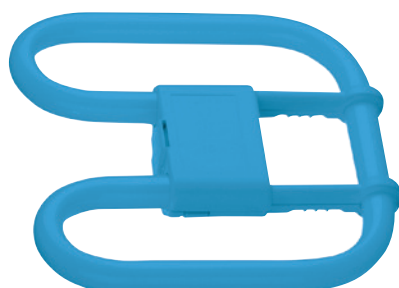


Benefits:

- Single turn CFL lamp with 2 pin G23 base.

Colour Temperature	Order Code
5W	
827	2450003829
827	2450066972
840	2450003831
840	2450066973
7W	
827	2450001896
827	2450068307
835	2450003834
840	2450003835
840	2450000456
9W	
827	2450003837
827	2450000205
830	2450003839
830	2450157167
835	2450003840
835	2450066976
840	2450003841
840	2450000465
865	2450006543
11W	
827	2450003767
827	2450000155
830	2450003832
835	2450003769
840	2450003770
840	2450000331
865	2450005294

2D Anti Drug Lamps



Applications:

- The blue colour of the lamp makes it perfect for anti drug applications because it makes veins under the skin very hard to see.

Watt	Base	Colour	Order Code
16W	2 Pin / GR8	Blue	2450006867
28W	2 Pin / GR8	Blue	2450154904
28W	4 Pin / GR10q	Blue	2450061165

TC-SE / PL-S / BIAX-SE / DULUX SE / LYNX SE 4pin 2G7



Benefits:

- Single turn CFL lamp with 4 pin 2G7 base.

Colour Temperature	Order Code
5W	
827	2450003830
840	2450000250
7W	
827	2450003833
830	2450157168
840	2450003836
840	2450066983
9W	
827	2450003838
827	2450066984
830	2450157169
840	2450003842
840	2450066985
11W	
827	2450003768
827	2450000206
830	2450157170
840	2450003771
840	2450000207

TC-D / PL-C / BIAX-D / DULUX D / LYNX D / 2pin G24D-1/2/3

For LED Alternative See Page

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Benefits:

- Double turn CFL lamp with 2 pin G24D base.

Colour Temperature	Order Code
10W / G24D-1	
827	2450003759
830	2450003761
830	2450000325
840	2450003765
840	2450000327
13W / G24D-1	
827	2450003772
827	2450327078
830	2450003774
830	2450000340
840	2450003776
840	2450000341
18W / G24D-2	
827	2450003789
827	2450000201
830	2450003791
830	2450000370
835	2450003223
840	2450003794
840	2450000213
26W / G24D-3	
827	2450003803
827	2450000202
830	2450003805
830	2450000388
835	2450003211
835	2450001718
840	2450003807
840	2450000390
865	2450005084

TC-DE / PL-C / BIAX-DE / DULUX DE / LYNX DE / 4pin G24Q-1/2/3

For LED Alternative See Page

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Benefits:

- Double turn CFL lamp with 4 pin G24Q base.

Colour Temperature	Order Code
10W / G24Q-1	
827	2450003760
827	2450068312
830	2450003762
840	2450003766
840	2450000328
13W / G24Q-1	
827	2450003773
827	2450324720
830	2450003775
830	2450001715
840	2450003777
840	2450000507
18W / G24Q-2	
827	2450003790
827	2450001716
830	2450003792
830	2450000213
835	2450003233
840	2450003793
840	2450324361
26W / G24Q-3	
827	2450003804
827	2450000203
830	2450003806
830	2450000389
835	2450003212
840	2450003808
840	2450000391
865	2450005570

TC-T / PL-T / BIAX-T / DULUX T / LYNX T / 2pin GX24D-1/2/3



Benefits:

- Triple turn CFL lamp with 2 pin GX24D base.

Colour Temperature	Order Code
13W / GX24D-1	
827	2450003778
830	2450003780
830	2450157175
840	2450003782
840	2450067123
13W / G24Q-1	
827	2450003795
827	2450067057
830	2450003798
830	2450067056
840	2450003799
840	2450157176
26W / GX24D-3	
827	2450003809
827	2450067095
830	2450003758
830	2450067096
835	2450003237
840	2450003812
840	2450000394

TC-TE / PL-T / BIAX-TE / DULUX TE / LYNX TE / 4pin GX24Q-1/2/3/4/5



Benefits:

- Triple turn CFL lamp with 4 pin GX24Q base.

Colour Temperature	Order Code
13W / GX24Q-1	
827	2450003779
827	2450068065
830	2450003781
830	2450068064
840	2450003783
840	2450157184
18W / GX24Q-2	
827	2450003796
827	2450157179
830	2450003798
830	2450326886
840	2450006234
840	2450003398
26W / GX24Q-3	
827	2450003810
827	2450067093
830	2450003811
830	2450000393
835	2450003236
840	2450003813
840	2450000152
32W / GX24Q-3	
827	2450003814
830	2450003815
830	2450000405
835	2450003231
840	2450003816
840	2450000406
42W / GX24Q-4	
827	2450003824
827	2450157183
830	2450003825
830	2450000223
835	2450003210
840	2450006236
840	2450000211
57W / GX24Q-5	
830	2450319691
840	2450324799
840	2450319692

TC-F / DULUX F / LYNX F / 4pin 2G10



Benefits:

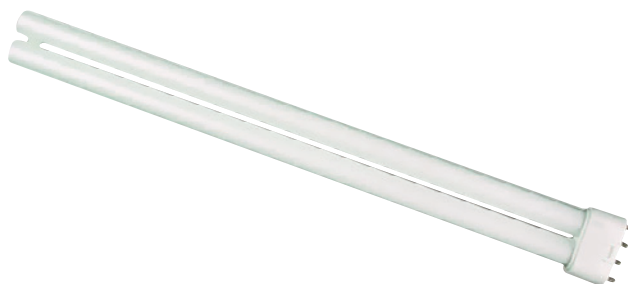
- Half length of PL-L type CFL with 4 pin 2G10 base.

Colour Temperature	Order Code
18W	
830	2450062547
840	2450062546
24W	
830	2450062550
840	2450000260
36W	
830	2450062551
840	2450062474

TC-L / PL-L / BIAX-L / DULUX L 4pin 2G11

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Benefits:

- Long L type CFL lamp with 4 pin 2G11 base.

Colour Temperature	Order Code
18W	
827	2450003785
827	2450068328
830	2450003786
830	2450000372
835	2450003787
840	2450003788
840	2450000373
24W	
830	2450003800
830	2450000382
835	2450003801
840	2450003802
840	2450000383
36W	
827	2450003817
830	2450003818
830	2450000416
835	2450003234
835	2450067010
840	2450003819
840	2450000417
865	2450006615
865	2450001708

Colour Temperature	Order Code
40W	
830	2450003821
830	2450000423
835	2450003822
840	2450003823
840	2450000424
860	2450000269
954	2450003380
55W	
830	2450003827
830	2450000433
835	2450003224
835	2450067014
840	2450003828
840	2450000434
860	2450330538
865	2450001323
830	2450001711
840	2450001713
840	2450008642

PL-L Polar 4 Pin - 2G11



Applications:

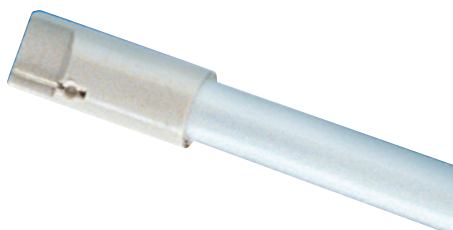
- PL-L lamps for cold storage areas, large warehouses and outdoor applications.

Benefits:

- Optimum light output at cooler temperatures.

Colour Temperature	Order Code
36W	
840	2450319679
55W	
840	2450319681

T2 Tubes



Applications:

- Pencil thin T2 tubes with a diameter 7mm.
- For use in confined areas, concealed lighting fixtures and undershelf lighting displays.

Benefits:

- Available in colours 830/840/860.
- High luminance.

Watt	Colour Temperature	Length	Supplier Code	Order Code
6W	830	9 inch	FM6830	2450061396
6W	840	9 inch	FM6840	2450061397
8W	830	13 inch	FM8830	2450061399
8W	840	13 inch	FM8840	2450061400
8W	860	13 inch	FM8860	2450061401
11W	830	17 inch	FM11830	2450061402
11W	840	17 inch	FM11840	2450061403
11W	860	17 inch	FM11860	2450061404
13W	830	21 inch	FM13830	2450061405
13W	840	21 inch	FM13840	2450061406
13W	860	21 inch	FM13860	2450061407

T4 Tubes - 12.7mm Diameter



Applications:

- Thin T4 tube with a diameter of 12.7mm.
- For use in display lighting, slimline fixtures and undershelf lighting.

PLEASE NOTE:

These lamps are non - returnable please take care when selecting.

Watt	Colour Temperature	Length	Tube Length	Order Code
6W	3400K	230mm	220mm	2450067313
8W	2700K	224mm	210mm	2450000695
10W	3400K	354mm	342mm	2450067315
13W	2700K	410mm	399mm	2450000550
16W	3400K	480mm	468mm	2450067317
20W	3400K	580mm	567mm	2450067319
24W	2700K	905mm	890mm	2450000605
30W	3400K	764mm	750mm	2450001227

T5 High Efficiency Tubes

For LED Alternative See Page **12**



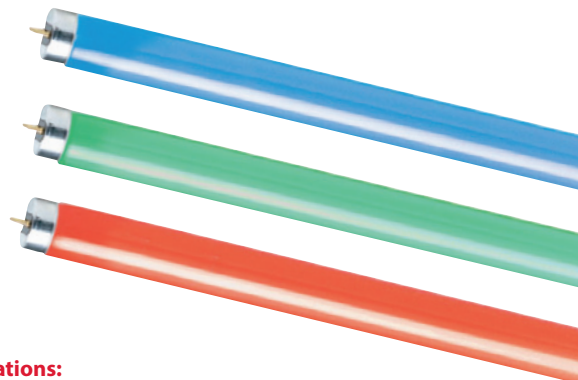
Colour Temperature	Order Code
14W 549mm	
827	2450006108
830	2450008908
830	2450006109
835	2450008909
835	2450006110
840	2450008910
840	2450003463
865	2450008911
865	2450006111
21W 849mm	
827	2450006112
827	2450325714
830	2450008912
830	2450006113
835	2450008913
840	2450008914
840	2450061412
865	2450008915
865	2450006116
28W 1149mm	
827	2450006117
830	2450008920
830	2450006118
835	2450008921
840	2450008922
840	2450006120
865	2450008923
865	2450006121
35W 1449mm	
827	2450006122
830	2450008806
830	2450003464
835	2450008924
835	2450006123
840	2450008925
840	2450000272
865	2450008926
865	2450317734

T5 High Output



Colour Temperature	Order Code
24W 549mm	
827	2450006125
830	2450008916
830	2450006126
835	2450008917
840	2450008918
840	2450006542
865	2450008919
865	2450006129
39W 849mm	
830	2450008927
830	2450006130
835	2450008928
840	2450006131
840	2450008929
865	2450008930
865	2450006132
49W 1449mm	
827	2450006133
830	2450008931
830	2450006134
835	2450008932
840	2450002236
840	2450006135
865	2450008933
865	2450006136
54W 1149mm	
827	2450006137
830	2450008934
830	2450006138
835	2450005708
835	2450006139
840	2450008935
840	2450000273
865	2450008936
865	2450006140
80W 1449mm	
830	2450008937
830	2450006887
840	2450008938
840	2450006888
865	2450008939
865	2450006889

T5 Coloured Tubes



Applications:

- Special colours for decorative effects.

Watt	Colour	Length	Order Code
14W	Green	549mm	2450214497
14W	Blue	549mm	2450214498
28W	Red	1149mm	2450214499
28W	Green	1149mm	2450214500
28W	Blue	1149mm	2450214501
35W	Red	1449mm	2450214502

Circular T9 Tubes G10q



Benefits:

- 4 pin G10q base (4 pins all on one side).

Watt	Colour	Order Code
22W	830	2450003965
22W	840	2450003966
22W	865	2450008641
32W	840	2450003967
40W	830	2450004193
40W	840	2450317406
60W	830	2450003856

Circular T5 Tubes 2GX13



Benefits:

- 4 pin 2GX13 base (2 pins either side of tube).
- Triphosphor coating.
- Superior lumen maintenance.

Watt	Colour	Order Code
22W	830	2450006459
22W	840	2450006458
22W	865	2450006460
40W	830	2450006462
40W	840	2450006461
40W	865	2450006463
55W	830	2450006465
55W	840	2450006464
55W	865	2450006466
60W	830	2450006468
60W	840	2450006467
60W	865	2450006469

U Tube T8 - 525mm Length



Watt	Colour	Length	Order Code
36W	835	525mm	2450004182

T5 Miniature Tubes



Watt	Colour	Length	Order Code
4W	White	6 inch	2450065405
6W	White	9 inch	2450000586
6W	Cool White	9 inch	2450003080
8W	Warm White	12 inch	2450003081
8W	Cool White	12 inch	2450063762
13W	Warm White	21 inch	2450003083
13W	White	21 inch	2450067074
13W	Cool White	21 inch	2450003082

T12 Standard Tubes



Applications:

- To avoid breakages, we recommend purchasing box quantity 25 of 5ft, 6ft and 8ft T12 tubes.

Watt	Colour	Length	Diameter	Supplier Code	Order Code
20W	White	2ft	T12	1027	2450006423
40W	White	4ft	T12	1027	2450006424
65W	White	5ft	T12	1027	2450006890
75W	White	6ft	T12	1027	2450006426
100W	White	8ft	T12	1027	2450006705

T8 Special Length Tubes



Watt	Colour	Length	Order Code
15W	830 / Warm White	450mm	2450064633
15W	835 / White	450mm	2450003742
15W	840 / Cool White	450mm	2450003093
15W	865 / Daylight	450mm	2450003743
16W	830 / Warm White	737mm	2450003968
16W	835 / White	737mm	2450061374
16W	840 / Cool White	737mm	2450003969
16W	840 / Cool White	720mm	2450003902
23W	840 / Cool White	970mm	2450062032
25W	840 / Cool White	742mm	2450003971
25W	830 / Warm White	742mm	2450003970
25W	840 / Cool White	818mm	2450003972
36W	840 / Cool White	970mm	2450006852
38W	840 / Cool White	1050mm	2450008900

Coloured T8 - 26mm Diameter



Applications:

- Coloured T8 tubes for display and accent lighting.

Watt	Colour	Length	Order Code
18W	Yellow	2ft	2450061461
18W	Blue	2ft	2450061462
18W	Green	2ft	2450061390
18W	Red	2ft	2450061391
36W	Yellow	4ft	2450061463
36W	Blue	4ft	2450061464
36W	Green	4ft	2450061392
36W	Red	4ft	2450061393
58W	Yellow	5ft	2450061465
58W	Blue	5ft	2450061466
58W	Green	5ft	2450061394
58W	Red	5ft	2450061395

Daylight Graphica Pro T8



Watt	Colour	Length	Order Code
18W	950	2ft	2450319651
36W	950	4ft	2450319653
58W	950	5ft	2450319655

Daylight T8



Applications:

- Daylight tubes where high colour recognition is required.
- Hospitals, dentists, hairdressers, print rooms and retail outlets.

Benefits:

- High colour rendering.

Watt	Colour	Length	Diameter	Order Code
18W	865	2ft	T8	2450327920
30W	860	3ft	T8	2450003747
36W	865	4ft	T8	2450317244
58W	865	5ft	T8	2450327921
58W	865	5ft	T8	2450003701
70W	860	6ft	T8	2450064694

Daylight De Luxe T8



Watt	Colour	Length	Order Code
18W	965	2ft	2450061387
36W	965	4ft	2450319647
58W	965	5ft	2450061389

Activa SAD Tubes T8



Applications:

- T8 fluorescent tubes to help reduce the effects of seasonal affective disorder (SAD).
- Used in offices, hospitals & buildings where little natural light is available.

Benefits:

- Replicates the effect of sunlight.

Watt	Colour	Length	Order Code
18W	172/Activa	2ft	2450061278
36W	172/Activa	4ft	2450061279
58W	172/Activa	5ft	2450061280
70W	172/Activa	6ft	2450063673

Tlx Monopin Tubes - 38mm Diameter



Applications:

- Used in flameproof and increased safety luminaires, for both indoor and outdoor applications.
- Used in oil rigs, mines and any locations where traces of explosive gases may be found.

Benefits:

- Internal ignition strip for instant start, non preheat starterless operation.
- In combination with a special lampholder all possible sparking effects during ignition are eliminated.

Watt	Length	Order Code
20W	2ft	2450061303
40W	4ft	2450061304

Grolux Tubes



Applications:

- Special fluorescent tubes which replicate the effect of sunlight needed for plants to photosynthesise.
- Used in greenhouses and fresh water aquariums.

Benefits:

- Stimulate plant growth in areas where there is little or no sunlight.
- High level of red and blue radiation.

Watt	Length	Diameter	Order Code
8W	12 inch	T5	2450061287
14W	15 inch	T8	2450061288
15W	18 inch	T8	2450061289
18W	2ft	T8	2450061291
25W	30 inch	T8	2450061293
30W	3ft	T8	2450061294
36W	4ft	T8	2450061296
58W	5ft	T8	2450061298

T8 Longlife Tubes



Applications:

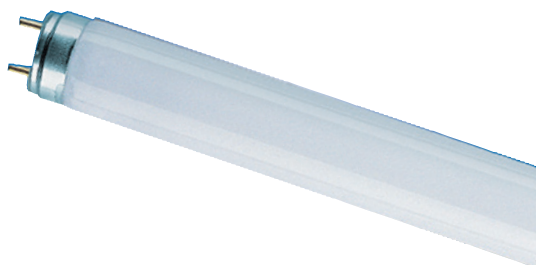
- T8 tubes which have a long life, perfect for use in hard to reach areas.

Benefits:

- XTRA Longlife tubes - 54,000 hour life.
- XTREME Longlife tubes - 72,000 hour life.

Watt	Type	Colour	Diameter	Order Code
18W	XTRA	840	2ft	2450319631
36W	XTRA	840	4ft	2450319633
58W	XTRA	840	5ft	2450319635
18W	XTREME	840	2ft	2450319637
36W	XTREME	840	4ft	2450319639
58W	XTREME	840	5ft	2450319641

T8 Energy Efficient Tubes



Applications:

- For use in applications with extensive operating hours - offices, warehouses, hospitals, schools, colleges.

Benefits:

- 10% Energy saving with existing luminaires.
- Reduces CO2 emissions.

Watt	Colour	Equiva-lent	Length	Order Code
16W	840	18W	2ft	2450319675
32W	840	36W	4ft	2450319673
32W	840	36W	4ft	2450002000
50W	840	58W	5ft	2450319669
51W	840	58W	5ft	2450002003

Reflex Tubes



Applications:

- Reflex tubes have a reflective coating across half of the inside of the tube, to reflect all the light downwards.

Benefits:

- Avoids wasted light going up into ceilings.

Watt	Colour	Length	Order Code
18W	840	2ft	2450319658
36W	840	4ft	2450319660
58W	840	5ft	2450319662

Blacklight BL350 / Actinic 05



Applications:

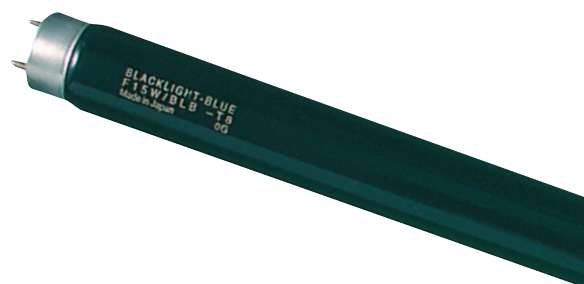
- Special blacklight lamps for insect traps, printing machines, nail curing and photochemical processes.

Benefits:

- Emit radiation in the range 300-460nm.
- Spectral energy distribution attracts insects.

Watt	Base	Length	Diameter	Order Code
4W		6 inch	T5	2450061306
6W		9 inch	T5	2450061307
8W		12 inch	T5	2450061309
15W		12 inch	T5	2450061310
10W		13.5 inch	T8	2450001743
15W		18 inch	T8	2450061312
22W	G10Q	CIRCULAR		2450061320
9W	2 Pin	PL		2450061321
11W	2 Pin	PL		2450003903
8W	4 Pin	U-BEND		2451004653
25W	4 Pin	U-BEND		2450061467
40W	4 Pin	U-BEND		2450061325
18W	4 Pin			2450063755
11W	2 Pin			2450068243
13W	ES / E27			2450004632
20W	SES / E14			2450006145
20W	ES / E27			2450005248

Blacklight Blue / Actinic 08



Applications:

- Blacklight blue lamps emit no visible light.
- Used in banking, criminology, medicine, special effects.

Benefits:

- Appears black in colour but when lit shows white.
- Shows the white up in materials.

Watt	Length	Diameter	Order Code
4W	6 inch	T5	2450061326
6W	9 inch	T5	2450061327
8W	12 inch	T5	2450061328
15W	18 inch	T8	2450004988
18W	2ft	T8	2450061330
30W	3ft	T8	2450061332
36W	4ft	T8	2450009058
58W	5ft	T8	2450006378
9W	PL-S 2pin		2450006619
9W	PL-S 4pin		2450006320

Germicidal / TUV / UVC



Applications:

- For use in disinfection tanks, pond filters, water purification.

BE AWARE:

These lamps contain radiation and chemicals harmful to human skin and eyes, even when removed from the fitting.

Benefits:

- Emit short wave radiation with a peak at 253.7nm (UV-C) for germicidal action.
- Lamp glass filters out the 185nm Ozone-forming line.

Watt	Length	Diameter	Order Code
4W	6 inch	T5	2450008622
6W	9 inch	T5	2450008623
8W	12 inch	T5	2450008624
15W	18 inch	T8	2450008625
25W	18 inch	T8	2450321222
30W	3ft	T8	2450008626
55W	3ft	T8	2450001209
36W	4ft	T8	2450068419
75W	4ft	T8	2450319957
9W	PL-S	T8	2450061348
18W	PL-L	T8	2450008629
36W	PL-L	T8	2450061351
55W	PL-L	-	2450008630
28W	4 Pin	-	2450068409
5W	PLS	-	2450008627
11W	PLS	-	2450008628

Glassguard T8 Tubes



Applications:

- Shatterproof tubes for use in areas where possibility of glass contamination must be eliminated such as schools, factories, kitchens and restaurants.

Benefits:

- Coating will not discolour or flake away during its lifespan.



- 1 Polyethylene
- 2 Ethylene Methacrylic Acid
- 3 PET
- 4 Glassguard Teflon® G Fluoropolymer Coating

Watt	Colour	Length	Order Code
18W	830	2ft	2450065364
18W	840	2ft	2450065369
30W	830	3ft	2450065365
30W	840	3ft	2450065370
36W	830	4ft	2450065366
36W	840	4ft	2450065371
58W	830	5ft	2450065367
58W	840	5ft	2450065372
70W	830	6ft	2450065368
70W	840	6ft	2450065373

Glassguard T5 Tubes



Watt	Colour	Length	Order Code
28W	840	1149MM	2450003384
35W	840	1449MM	2450003385
49W	835	1449MM	2450002127
49W	840	1449MM	2450001556
54W	840	1149MM	2450002044
80W	840	1449MM	2450003257

Glassguard Blacklight BL350 Tubes



Applications:

- Shatterproof tubes for insect killers, chemical processing, photo chemical processing.

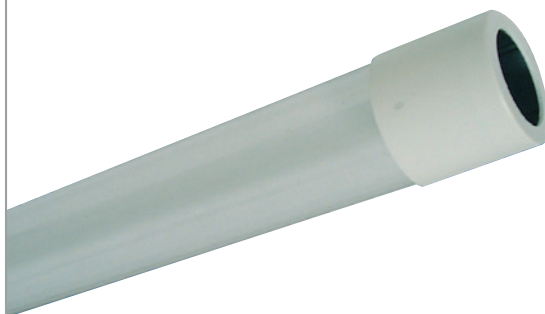
Benefits:

- Shatterproof BL350 lamps prevent widespread glass contamination from accidental lamp breakage.

- Impact resistant to IEC60068-2-75 (5 Joule) & 4m Horizontal & Vertical Drop Test.
- 97% UVA Transmission through Teflon.
- FEP coating.
- No discolouration, burning or cracking.
- Passes all Hygiene & Safety Audits for the Food Industry.
- BL350 Blacklight Coloured.

Watt	Length	Diameter	Order Code
8W	12 inch	T5	2450005159
15W	18 inch	T8	2450001309
20W	2ft	T12	2450064801
40W	2ft	T12	2450063753
25W	-	U-TUBE	2450001311
22W	-	CIRCULAR	2450063751

Clear Cocoons



Applications:

- Clear rigid polycarbonate transparent sleeve.
- Coloured cocoons are available on request, please call us for details.

Benefits:

- Designed to prevent a fluorescent tube from damage.

Watt	Type	Length	Order Code
6W	T5	9 inch	2450001957
8W	T5	12 inch	2450001958
13W	T5	21 inch	2450001959
14W	T5	549mm	2450001400
21W	T5	849mm	2450001401
28W	T5	1149mm	2450001402
35W	T5	1449mm	2450001403
18W	T8	2ft	2450064063
30W	T8	3ft	2450064071
36W	T8	970mm	2450064074
38W	T8	1050mm	2450064075
36W	T8	4ft	2450064064
58W	T8	5ft	2450064065
70W	T8	6ft	2450064066
20W	T12	2ft	2450064067
40W	T12	4ft	2450064068
65W	T12	5ft	2450064070
75-85W	T12	6ft	2450064069
85-125W	T12	8ft	2450064073

Meat Display



Applications:

- For meat display counters, chiller cabinets and butchery.

Benefits:

- Shatterproof coating provide protection against accidental lamp breakage.
- Special colour brings out red in meat.

Watt	Length	Diameter	Order Code
36W	4ft	T8	2450065300
58W	5ft	T8	2450065303

SAVE ENERGY & COST

with LED solutions

FROM VENTURE



LED RETROFIT CORN LAMPS



BENEFITS

- Up to 72% energy saving.
- Broad Wattage range to suit your needs.

ADVANTAGES

- Outstanding environmental performance thanks to low amount of energy consumed during production.

APPLICATIONS

- Warehouse, Racking & Factories.



50,000 Hours



5 Years Warranty



15,000 Hours



3 Years Warranty



25,000 Hours



3 Years Warranty



25,000 Hours



3 Years Warranty



LED FILAMENT LAMPS



BENEFITS

- Up to 90% energy saving.
- Reliable quality.

ADVANTAGES

- Energy saving LED technology with a vintage feel.

APPLICATIONS

- Desk lamp, Crystal chandelier, Bedrooms, Restaurants, Domestic & Hotels.

LED CANDLE LAMPS



BENEFITS

- Up to 80% energy saving.
- High efficiency.
- Reliable quality.
- New IC driver and heatsink design.

ADVANTAGES

- New heat dissipation design with smaller size.

APPLICATIONS

- Desk lamp, Crystal chandelier, Bedrooms, Restaurants, Domestic & Hotels.

LED GU10 LAMPS



BENEFITS

- Eco Friendly, perfect replacement for general lighting.
- Compatible with all luminaires, easy to install and operate.

ADVANTAGES

- Excellent optical design, consistency in colour of light.
- Reliable IC solution, automatic production.

APPLICATIONS

- Market, Walkways, Hospital, Shops & Domestic.

For more information on all our products visit: www.venturelightingeurope.com

sales@venturelighting.co.uk // +44 1923 692 600 // www.venturelightingeurope.com



SON Retrofit Metal Halide

For LED
Alternative
See Page
16



Applications:

- Metal halide lamps designed to run exclusively on control gear designed for HPS/SON lamps.
- Used in factories, street lighting, car parks, security lighting, showrooms and floodlighting.

Benefits:

- Easy upgrade from yellow light to a clean, bright, white light.
- Faster starting.
- Available in clear and coated.
- Wide selection of wattages.
- Available for open and enclosed rated fittings.

Description	Watt	Finish	Burning Position	Order Code
For Fittings with Cover Glass				
HIE 50W/U/LU/4K	50W	Clear	Universal	2450061910
HIE 70W/U/LU/4K	70W	Clear	Universal	2450061912
HIE 70W/C/U/LU/4K	70W	Coated	Universal	2450061913
HIE 70W/U/LU/3K	70W	Clear	Universal	2450061914
HIE 70W/C/U/LU/3K	70W	Coated	Universal	2450061915
HIE 100W/U/LU/4K	100W	Clear	Universal	2450061916
HIE 100W/C/U/LU/4K	100W	Coated	Universal	2450061917
HIE 100W/U/LU/3K	100W	Clear	Universal	2450061918
HIE 100W/C/U/LU/3K	100W	Coated	Universal	2450061919
HIE 150W/U/LU/4K	150W	Clear	Universal	2450061253
HIE 150W/C/U/LU/4K	150W	Coated	Universal	2450061254
HIE 150W/C/U/LU/3K	150W	Coated	Universal	2450061920
HIT 100W/U/LU/T38/4K	100W	Clear	Universal	2450067281
HIE 250W/C/HBU/LU/4K	250W	Coated	Horizontal/Base Up	2450063681
HIE 250W/C/H75/LU/4K	250W	Coated	Horizontal $\pm 75^\circ$	2450318363
HIE 250W/V/LU/4K	250W	Clear	Vertical	2450318362
ARC250/D/VBU/960/E40	250W	Coated	Base Up $\pm 45^\circ$	2450001908
ARC250/D/H/960/E40	250W	Coated	Horizontal $\pm 45^\circ$	2450002037
HIE 400W/C/HBU/LU/4K	400W	Coated	Horizontal/Base Up	2450063685
HIE 400W/C/H75/LU/4K	400W	Coated	Horizontal	2450318365
HIE 400W/V/LU/4K	400W	Clear	Vertical	2450318364

SON Retrofit Metal Halide (cont.)

Description	Watt	Finish	Burning Position	Order Code
For Fittings with Cover Glass				
HIPE 70W/C/U/LU/UVS/3K	70W	Coated	Universal	2450061927
HIPE 70W/C/V/LU/UVS/27K	70W	Coated	Vertical $\pm 15^\circ$	2450061928
HIPE 70W/U/LU/UVS/4K	70W	Clear	Universal	2450067267
HIPE 70W/C/U/LU/UVS/4K	70W	Coated	Universal	2450067269
HIPE 100W/U/LU/UVS/3K	100W	Clear	Universal	2450061929
HIPE 100W/C/U/LU/UVS/3K	100W	Coated	Universal	2450061930
HIPE 100W/C/V/LU/UVS/27K	100W	Coated	Vertical $\pm 15^\circ$	2450061931
HIPE 100W/U/LU/UVS/4K	100W	Clear	Universal	2450067271
HIPE 100W/C/U/LU/UVS/4K	100W	Coated	Universal	2450067273
HIPE 100W/U/LU/E90/UVS/4K	100W	Clear	Universal	2450063676
HIPE 150W/U/LU/UVS/3K	150W	Clear	Universal	2450061933
HIPE 150W/C/U/LU/UVS/3K	150W	Coated	Universal	2450061934
HIPE 150W/C/V/LU/UVS/27K	150W	Coated	Vertical $\pm 15^\circ$	2450061935
HIPE 150W/U/LU/E90/UVS/4K	150W	Clear	Universal	2450063678
HIPE 150W/C/U/LU/E90/UVS/4K	150W	Coated	Universal	2450063679
HIPE 150W/U/LU/UVS/4K	150W	Clear	Universal	2450067275
HIPE 150W/C/U/LU/UVS/4K	150W	Coated	Universal	2450067277
HIPE 250W/HBU/LU/UVS/4K	250W	Clear	Base Up $\pm 90^\circ$	2450063682
HIPE 250W/C/HBU/LU/UVS/4K	250W	Coated	Base Up $\pm 90^\circ$	2450063683
HIPE 400W/BU/LU/UVS/4K	400W	Clear	Base Up $\pm 15^\circ$	2450189986
HIPE 400W/C/V/LU/UVS/4K	400W	Coated	Vertical	2450063687
Tubular				
HIT 70W/U/LU/4K	70W	Clear	Universal	2450064639
HIT 100W/U/LU/T38/4K	100W	Clear	Universal	2450067281
HIT 100W/U/LU/T46/4K	100W	Clear	Universal	2450067283
HIT 150W/U/LU/T38/4K	150W	Clear	Universal	2450064640
HIT 150W/U/LU/T46/4K	150W	Clear	Universal	2450064641
HIT 250W/U/LU/4K	250W	Clear	Universal	2450061258
HIT 250W/U/LU/5K	250W	Clear	Universal	2450061938
HIT 400W/U/LU/4K	400W	Clear	Universal	2450061259
HIT 400W/U/LU/5K	400W	Clear	Universal	2450061943
HIT 1000W/U/LU/4K	1000W	Clear	Universal	2450067279

Conversion Kit (Lamp & Ignitor) 70W



Applications:

- 70w conversion kit that contains a metal halide lamp and ignitor.
- Provides an easy upgrade from yellow to white light for HPS fittings that do not currently have an ignitor in the circuit.

Benefits:

- Full step by step instructions provided.

Description	Finish	Burning Position	Order Code
HIPE 70W/U/LU/UVS/4K	Clear	Universal	2450062684

Constant Wattage Lamps

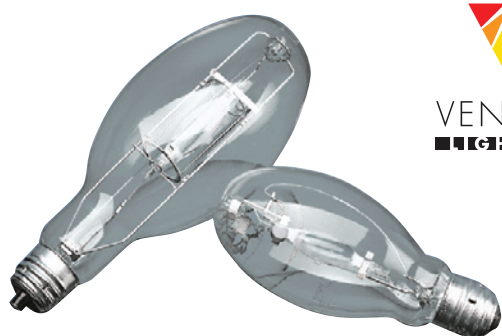


Applications:

- Direct replacements for multi-vapour and super metal arc lamps.

Description	Watt	Finish	Burning Position	Order Code
HIE 1000W/U/Euro/4K	1000W	Clear	Universal	2450061270
HIE 1000W/C/U/4K	1000W	Coated	Universal	2450061271
HIE 1000W/U/BT120/4K (Reduced Jacket)	1000W	Clear	Universal	2450061952

Energy Saving Pulse Start Lamps



Applications:

- Pulse Start lamps are available in 200W and 350W for use with appropriate control gear.
- Industrial high and low bay fittings and large retail areas.

Benefits:

- System savings, up to 50 watts.
- Longer life (up to 20,000hrs).
- Available in enclosed rated, open rated and high performance.
- Improved lumen maintenance.

Description	Watt	Finish	Burning Position	Order Code
For Fittings with Cover Glass				
HIE 200W/U/PS/4K	200W	Clear	Universal	2450062807
HIE 200W/C/U/PS/4K	200W	Coated	Universal	2450062808
HIE 350W/V/PS/4K	350W	Clear	Vertical ±15°	2450068144
For Fittings Without Cover Glass				
HIPE 200W/V/UVS/PS/4K	200W	Clear	Vertical ±15°	2450062812
HIPE 200W/C/V/UVS/PS/4K	200W	Coated	Vertical ±15°	2450062814
HIPE 250W/V/UVS/PS/4K	250W	Clear	Vertical	2450062792
HIPE 350W/V/UVS/PS/4K	350W	Clear	Vertical ±15°	2450062816
HIPE 350W/C/V/UVS/PS/4K	350W	Coated	Vertical ±15°	2450062818
HIPE400W/V/UVS/PS/4K	400W	Clear	Vertical	2450298793
HIPE 450W/V/UVS/PS/4K	450W	Clear	Vertical	2450062805

Mercury Retrofit Metal Halide

For LED Alternative See Page **16**



Applications:

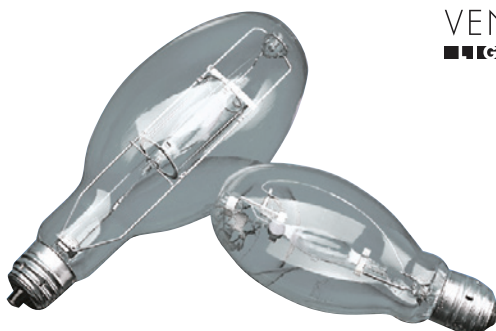
- Metal halide lamps designed to run exclusively on control gear designed for MBF/ Mercury lamps.
- Used in factories, street lighting, car parks, security lighting, showrooms and floodlighting.

Benefits:

- Easy upgrade from yellow light to a clean, bright, white light.
- Faster starting.
- Available in clear and coated.
- Wide selection of wattages.
- Available for open and enclosed rated fittings.

Description	Watt	Finish	Burning Position	Order Code
For Fittings with Cover Glass				
HIE 175W/U/E54/Euro/4K	175W	Clear	Universal	2450061921
HIE 175W/C/U/E54/Euro/4K	175W	Coated	Universal	2450061922
HIE 175W/U/Euro/4K	175W	Clear	Universal	2450061264
HIE 175W/C/Bu/Euro/4K	175W	Coated	Universal	2450061265
HIE 250W/Bu/Euro/4K	250W	Clear	Base Up $\pm 15^\circ$	2450061947
HIE 250W/C/Bu/Euro/4K	250W	Coated	Base Up $\pm 15^\circ$	2450061946
HIE 250W/U/Euro/4K	250W	Clear	Universal	2450061266
HIE 250W/C/U/Euro/4K	250W	Coated	Universal	2450061267
HIE 400W/Bu/Euro/4K	400W	Clear	Base Up $\pm 15^\circ$	2450061948
HIE 400W/C/Bu/Euro/4K	400W	Coated	Base Up $\pm 15^\circ$	2450061261
HIE 400W/U/Euro/4K	400W	Clear	Universal	2450062504
HIE 400W/C/U/E90/Euro/4K (Reduced Jacket)	400W	Coated	Universal	2450061951
HIE 400W/C/U/Euro/4K	400W	Coated	Universal	2450061269
HIPE 400W/Bu/Euro/4K	400W	Clear	Base Up $\pm 15^\circ$	2450068592
Tubular				
HIT 250W/U/Euro/4K	250W	Clear	Universal	2450061260
HIT 250W/HOR/Euro/4K	250W	Clear	Horizontal $\pm 45^\circ$	2450062487
HIT 400W/U/Euro/4K	400W	Clear	Universal	2450061263
HIT 400W/HOR/Euro/4K	400W	Clear	Horizontal $\pm 45^\circ$	2450062489

Dual Retrofit Lamps for Mercury & SON



Applications:

- Universal metal halide lamps that will operate on both SON and Mercury control gear.

Description	Watt	Finish	Burning Position	Order Code
Tubular				
HIT 250W/H/ DU/4.5K	250W	Clear	Horizontal	2450003750
HIT 400W/H/ DU/4.5K	400W	Clear	Horizontal	2450003751
For Fittings with Cover Glass				
HIE 250W/V/ DU/4.5K	250W	Clear	Vertical	2450003752
HIE 400W/C/V/ DU/4.5K	400W	Clear	Vertical	2450003753

G12 Quartz Metal Halide



Applications:

- For use in accent lighting, downlighting, retail environments, showrooms.

Benefits:

- Compact configuration.
- Long Life.
- Excellent colour uniformity.
- 10,000 hour life.

Description	Watt	Colour	Part No.	Order Code
HIT 70W/G12/UVS/3K	70W	3000K	12108	2450061167
HIT 70W/G12/UVS/4K	70W	4000K	52983	2450061168
HIT 150W/G12/UVS/3K	150W	3000K	12106	2450061169
HIT 150W/G12/UVS/4K	150W	4000K	25779	2450061170

Uni-Form Pulse Start - High Performance



Description	Watt	Finish	Burning Position	Order Code
HIPE 250W/C/V/PS/4K - Open/Merc	250W	Coated	Vertical ±15°	2450062798
HIPE400W/C/V/PS/4K - Open/Merc	400W	Coated	Vertical	2450062803
HIE400W/C/HBu/PS/4K - Enc/Merc	400W	Coated	Horizontal/ Base Up	2450062791
HIPE 450W/C/V/UVS/PS/4K - Open-HPS	450W	Coated	Vertical	2450062806
For Fittings Without Cover Glass				
HIPT200W/H75/UVS/T52/PS/4K	200W	Clear	Horizontal ±75°	2450002136
HIPT350W/H75/UVS/T52/PS/4K	350W	Clear	Horizontal ±75°	2450002137

Double Ended Metal Halide



Applications:

- Double ended metal halide lamps for use in floodlighting and other commercial and industrial applications.

Description	Watt	Burning Position	Part No.	Order Code
MH-DE 70W/UVS/4K	70W	Hor±45°	60248	2450061172
DOUBLE ENDED Metal Halide 4K	70W	Hor±45°	34536	2450001363
MH-DE 70W/UVS/3K	70W	Hor±45°	16786	2450061171
DOUBLE ENDED Metal Halide 3K	70W	Hor±45°	34530	2450001362
MH-DE 70W/UVS/FS/6K	70W	Hor±45°	79470	2450298807
MH-DE 150W/UVS/4K	150W	Hor±45°	74756	2450061174
MH-DE 150W/UVS/3K	150W	Hor±45°	11295	2450061173
MH-DE 150W/UVS/FS/6K	150W	Hor±45°	29963	2450298808
MH-DE 250W/3K/Fc2	250W	Hor±45°	84727	2450061175
MH-DE 250W/4K/Fc2	250W	Hor±45°	72748	2450061176
DOUBLE ENDED Metal Halide	150W	Hor±45°	150MHNTD	2450322997
400W/D/FC2	400W	Hor±45°	H400SD	2450062727
400W/NDL/FC2	400W	Hor±45°	H400SN	2450065403

Cable & Plug HQI-R

Applications:

- Ideal for fibre optic applications.

Benefits:

- Integral pre focused reflector.

Watt	Part No.	Order Code
150W	H150NR	2450000268

High Wattage Single Ended Metal Halide



PHILIPS

SYLVANIA



Applications:

- High wattage (1000W +) metal halide lamps for sports lighting, floodlighting of buildings and monuments and exterior area lighting.

Benefits:

- High safety and comfort level.
- Minimal maintenance cost.

Description	Watt	Order Code
Philips		
1000HPIT 220V Metal Halide Tubular	1000W	2450003165
2000HPIT 220V Metal Halide Tubular	2000W	24500062662
4152000HPITN 380V Metal Halide Tubular	2000W	24500062561
Sylvania		
0020595 HSI-THX 1000W 4000K	1000W	2450150102
LEDVANCE		
HQIT2000NE White H2KWNE End Dimple	2000W	24500063770
GE		
SPL2000/L/H/960/E40 GE 30102	2000W	2450001907

High Wattage Double Ended Metal Halide



VENTURE
MACHINERY

PHILIPS



Applications:

- Sports lighting.
- Stadia.
- Large area floodlighting.

Benefits:

- Compact linear lamp for excellent optical control.
- Cooler base design for improved field performance.
- High lumen output.

Description	Watt	Order Code
Venture		
MBIL S 1000W	1000W	24500061953
MBIL S 1500W	1500W	24500061177
MBIL S 2000W	2000W	24500061272
Philips		
1000MHNLA842 Long Arc	1000W	24500001952
1000MHNLA956 Long Arc	1000W	24500001953
1800MHNSA956 Short Arc	1800W	24500000635
2000MHNLA956 Long Arc	2000W	24500001954
2000MHNLA842 Long Arc	2000W	24500000008
LEDVANCE		
HQITS1000NDLS	1000W	24500000479
HQITS2000NL	2000W	24500004108
HQITS2000NDLS	2000W	24500000658

Plant Growth



Applications:

- High wattage metal halide lamps ideal for use in commercial horticulture.

Benefits:

- Provides ideal conditions for plant growth.
- E40 base.
- Tubular clear shape.
- To operate on HPS/SON control gear.

Description	Watt	Order Code
GE		
LU400W/PSL/T/E40 400W GES	400W	2450001904
LEDVANCE		
PLANTASTAR400 PS400T 400W GES	400W	24500062637

Constant Colour Ceramic Metal Halide



Applications:

- Ceramic metal halide lamps provide exceptional colour rendition, perfect for retail environments, accent lighting, downlighting and showrooms.

Benefits:

- Powerful white light CRI Ra90.
- Wide variety of wattages and bases available.

Colour	Watt	Base	Order Code
CMH-T GU6.5			
Warm White / 830	20W	GU6.5	2450003654
CMH MR16			
Warm White / 830	20W	GX10	2450006253
Warm White / 830	20W	GX10	2450003655
CMH-TC G8.5			
Warm White / 830	20W	G8.5	2450155468
Warm White / 830	35W	G8.5	2450003207
Cool White / 942	35W	G8.5	2450004853
Warm White / 830	70W	G8.5	2450003216
Cool White / 942	70W	G8.5	2450004854
CMH-T G12			
Warm White / 830	35W	G12	2450150397
Warm White / 830	70W	G12	2450150398
Cool White / 942	70W	G12	2450150399
Warm White / 830	150W	G12	2450150400
Cool White / 942	150W	G12	2450150401
CMH-TD Double Ended			
Warm White / 830	70W	RX7S	2450150402
Cool White / 942	70W	RX7S	2450150403
Warm White / 830	150W	RX7S	2450150404
Cool White / 942	150W	RX7S	2450150405
CMH PAR 20			
Warm White / 830	35W	ES/E27	2450150406
Warm White / 830	35W	ES/E27	2450150407
Warm White / 830	35W	ES/E27	2450150408
Warm White / 830	35W	ES/E27	2450150409
Warm White / 830	70W	ES/E27	2450150410
Warm White / 830	70W	ES/E27	2450150411
CMH-E Elliptical Clear			
Warm White / 830	70W	ES/E27	2450327020
Warm White / 830	100W	ES/E27	2450326162
CMH-E Elliptical Diffused			
Warm White / 830	70W	ES/E27	2450298262
CMH-T Tubular Clear			
Warm White / 830	150W	GES/E40	2450003584
Cool White / 942	150W	GES/E40	2450003452
Warm White / 830	250W	GES/E40	2450001564

HPI Lamps

PHILIPS



Applications:

- Philips HPI lamps contain unique 3 band technology resulting in high luminous efficacy.
- Provides natural white colour appearance and good colour stability.

Benefits:

- High safety and comfort level maintained over life.
- Minimal maintenance cost.

Description	Watt	Shape	Order Code
250HPITPLUS 250W Tubular 17989015	250W	Tubular	2450002085
400HPITPLUS 400W Tubular 17990615	400W	Tubular	2450000006
400HPIPLUSu 400W	400W	Elliptical	2450068411
400HPIPLUSuP 400W Protected	400W	Elliptical	2450062527
400HPIPLUSuS 400W Self Start	400W	Elliptical	2450068414
400HPIPLUSuSP 400W Self Start Protected	400W	Elliptical	2450062661

Britespot Ceramic Metal Halide

SYLVANIA



Applications:

- Retail environments.
- Accent lighting.
- Downlighting.
- Showrooms.

Benefits:

- Powerful white light.
- GX10 twist lock base.

Description	Watt	Base	Colour	Order Code
GX10	35W	GX10	3000K	2450330708
ES111	35W	GX10	3000K	2450001681

Master Colour Ceramic Metal Halide Light

PHILIPS



Applications:

- Ceramic metal halide lamps provide exceptional colour rendition, perfect for retail environments, accent lighting, downlighting and showrooms.

Benefits:

- Powerful white light CRI Ra90.
- Wide variety of wattages and bases available.

Colour	Watt	Base	Order Code
CDM-Tm Mini			
Warm White / 830	20W	PGJ5	2450001265
Warm White / 930	35W	PGJ5	2450003643
CDM-TC			
Warm White / 830	35W	G8.5	2450064113
Cool White / 942	35W	G8.5	2450001688
Warm White / 830	70W	G8.5	2450068146
Cool White / 942	70W	G8.5	2450001689
CDM-T			
Warm White / 830	35W	G12	2450061248
Cool White / 942	35W	G12	2450001685
Warm White / 830	70W	G12	2450061249
Cool White / 942	70W	G12	2450063653
Warm White / 830	150W	G12	2450061250
Cool White / 942	150W	G12	2450067305
Warm White / 830	250W	G12	2450003279
CDM-TP			
Warm White / 830	70W	PG12-2	2450001338
Warm White / 830	150W	PGX12-2	2450001690
CDM-TD			
Warm White / 830	70W	RX7S	2450061251
Cool White / 942	70W	RX7S	2450064727
Warm White / 830	150W	RX7S	2450061252
Cool White / 942	150W	RX7S	2450064728
CDM-R			
Warm White / 930 Spot	35W	ES/E27	2450006397
Warm White / 930 Flood	35W	ES/E27	2450006398
Warm White / 930 Spot	35W	ES/E27	2450006399
Warm White / 930 Flood	35W	ES/E27	2450006400
Warm White / 930 Spot	70W	ES/E27	2450006404
Warm White / 930 Flood	70W	ES/E27	2450006406
Cool White / 942 Flood	70W	ES/E27	2450005918
CDM-R111			
Warm White / 930 Spot	35W	GX8.5	2450008794

Outdoor Ceramic White Light

PHILIPS



Applications:

- HID lamps that emit a white light, perfect for urban public lighting, residential areas and roads.

Benefits:

- Energy Saving.
- Low cost of ownership.
- Compact size.
- Minimizes environmental impact.

Watt	Base	Order Code
CosmoWhite CPO-TW		
45W	PGZ12	2450003708
60W	PGZ12	2450003709
90W	PGZ12	2450003710
140W	PGZ12	2450003640
CityWhite CDO-TT		
70W	ES/E27	2450068583
100W	GES/E40	2450238766
150W	GES/E40	2450270353
250W	GES/E40	2450001968

High Output Tubular SON Lamps

For LED Alternative See Page **16**



Applications:

- Tubular shape high pressure sodium lamps for a variety of industrial and external lighting applications.

Watt	Base	Ignitors	Order Code
50W	ES / E27	External	2450006016
70W	ES / E27	Internal	2450005745
70W	ES / E27	External	2450001384
100W	GES / E40	External	2450001385
150W	GES / E40	External	2450001386
250W	GES / E40	External	2450001387
400W	GES / E40	External	2450001388
600W	GES / E40	External	2450001389
1000W	GES / E40	External	2450330263

High Output Elliptical SON Lamps

For LED Alternative See Page **16**



Applications:

- Elliptical shape high pressure sodium lamps for a variety of industrial and external lighting applications.

Watt	Base	Ignitors	Order Code
50W	ES / E27	External	2450005729
70W	ES / E27	Internal	2450005735
70W	ES / E27	External	2450005730
100W	GES / E40	External	2450005731
150W	GES / E40	External	2450005732
250W	GES / E40	External	2450005733
400W	GES / E40	External	2450005734
1000W	GES / E40	External	2450330270

SDWT Lamps



Applications:

- Philips Mini White SON lamps for use in supermarkets, shopping centres and other retail areas.
- Can only operate on specific control gear.

Benefits:

- Pre-focused lamp base.
- Exceptional brightness and colour rendering especially of warm colours, e.g red and gold.
- Discharge tube filled with sodium-mercury amalgam and xenon starting gas.

Description	Watt	Base	Order Code
SDW-T			
50SDWT PHIL 50W PG12 SDWT White SON	50W	PG12	2450062529
100SDWT PHIL 100W PG12 SDWT White SON	100W	PG12	2450062528
SDW-TG			
50SDWTG PHIL 50W GX12 Mini White SON	50W	GX12	2450001691
100SDWTG PHIL 100W GX12 Mini White SON	100W	GX12	2450001233

Double Ended Son



Applications:

- Double ended HPS/SON lamps for use in floodlighting and other commercial and industrial applications.

Benefits:

- High luminous efficacy.

Watt	Base	Order Code
70W	R7S	2450000252
150W	R7S	2450000263
400W	FC2	2450062545

Delux MBF



Watt	Base	Order Code
50W	E27/ES	2450001818
80W	E27/ES	2450001819

Mercury Blended



Watt	Base	Order Code
250W	E40/GES	2450001826
500W	E40/GES	2450001827

MBF Mercury Lamps



Applications:

- Mercury lamps provide an incandescent like warm appearance.
- Suitable for a number of indoor and outdoor applications.

Benefits:

- Low cost.

Watt	Base	Order Code
80W	E27/ES	2450001810
80W	B22D-3	2450001811
700W	E40/GES	2450001816
1000W	E40/GES	2450001817

SOX



Applications:

- Low pressure sodium lamps (SOX) are commonly used for street lighting and exterior floodlighting.

Benefits:

- Very Efficient light source.

Watt	Order Code
18W	2450009234
35W	2450009124
55W	2450009125
90W	2450009126
135W	2450009127



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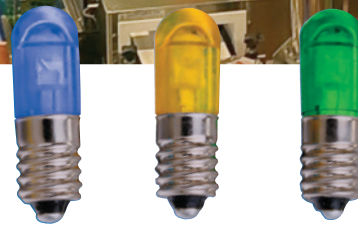
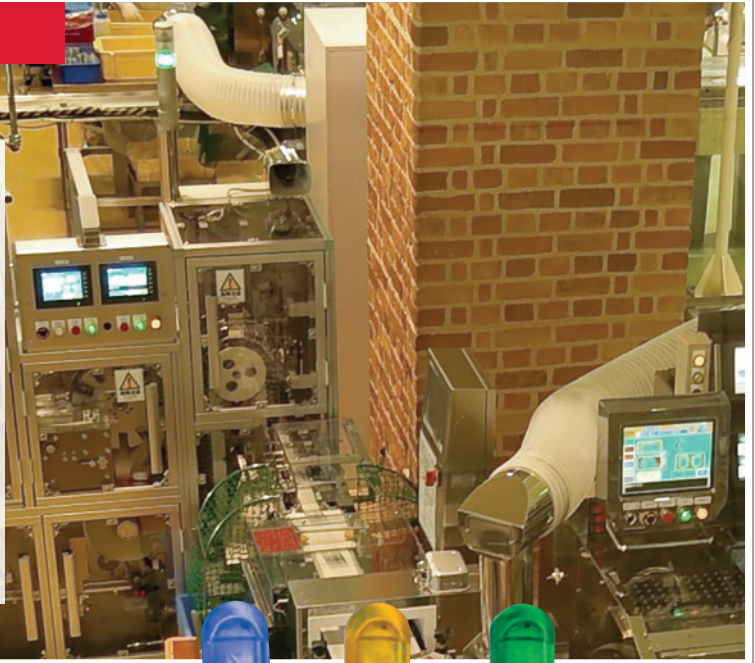
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5 YEAR
GUARANTEE
ON LAMPS + LUMINAIRES

LED 10 x 28mm

Benefits:

- High brightness with low current draw - uses up to 90% less energy than incandescent.
- Long life up to 100,00 hours.
- No heat generated.
- Mounts directly into industry-standard socket.
- Resistant to shock and vibration.
- Super bright single chip design.
- Colours include red, green, amber, blue and white.
- The benefits of LED technology over incandescent are significant: they offer longer life, are shock resistant, withstands vibration and provide energy conservation.
- Operating Voltages - 6, 12, 24-28, 110-130 & 240 VDC.
- Operating temperature: -30°C to 85°C.
- Storage temperature: -40°C to 100°C.



Volt	Colour	Order Code
BA9S		
6V	White	2450000037
6V	Warm White	2450000038
6V	Red	2450000039
6V	Green	2450000040
6V	Yellow	2450000041
6V	Blue	2450000042
12V	White	2450000043
12V	Warm White	2450000044
12V	Red	2450000045
12V	Green	2450000046
12V	Yellow	2450000047
12V	Blue	2450000048
24-28V	White	2450000049
24-28V	Warm White	2450000050
24-28V	Red	2450000051
24-28V	Green	2450000052
24-28V	Yellow	2450000053
24-28V	Blue	2450000054
110-130V	White	2450000055
110-130V	Warm White	2450000056
110-130V	Red	2450000057
110-130V	Green	2450000058
110-130V	Yellow	2450000059
110-130V	Blue	2450000060
230V	White	2450000061
230V	Warm White	2450000062
230V	Red	2450000063
230V	Green	2450000064
230V	Yellow	2450000065
230V	Blue	2450000066

Volt	Colour	Order Code
E10		
6V	White	2450000067
6V	Warm White	2450000068
6V	Red	2450000069
6V	Green	2450000070
6V	Yellow	2450000071
6V	Blue	2450000072
12V	White	2450000073
12V	Warm White	2450000074
12V	Red	2450000075
12V	Green	2450000076
12V	Yellow	2450000077
12V	Blue	2450000078
24-28V	White	2450000079
24-28V	Warm White	2450000080
24-28V	Red	2450000081
24-28V	Green	2450000082
24-28V	Yellow	2450000083
24-28V	Blue	2450000084
110-130V	White	2450000085
110-130V	Warm White	2450000086
110-130V	Red	2450000087
110-130V	Green	2450000088
110-130V	Yellow	2450000089
110-130V	Blue	2450000090
230V	White	2450000091
230V	Warm White	2450000092
230V	Red	2450000093
230V	Green	2450000094
230V	Yellow	2450000095
230V	Blue	2450000096

LED T1 3/4 Midget Groove

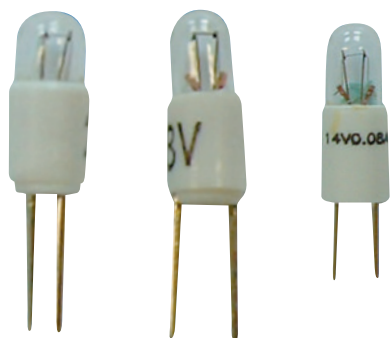
Volt	Colour	Order Code
12-14V	White	2450000097
12-14V	Red	2450000098
12-14V	Green	2450000099
12-14V	Yellow	2450000100
12-14V	Blue	2450000101
24-28V	White	2450000102
24-28V	Red	2450000103
24-28V	Green	2450000104
24-28V	Yellow	2450000105
24-28V	Blue	2450000106

T1 Sub-Midget Flange 3.17 x 9mm SX3S



Volt	MAMP	Order Code
5V	60	2450060949
28V	24	2450060683

Bi Pin Lamps



Volt	MAMP	Order Code
T1 3.27 x 9.65mm - 1.27mm Pin Spacing		
28V	24	2450060980
T1 3.27 x 9.65mm - 2.54mm Pin Spacing		
24V	24	2450060824
28V	24	2450060826
36V	20	2450060827
T1 3/4 6 x 15.8mm - 3.17mm Pin Spacing		
14V	80	2450060928
28V	40	2450060931

Wedge Base Capless Lamps



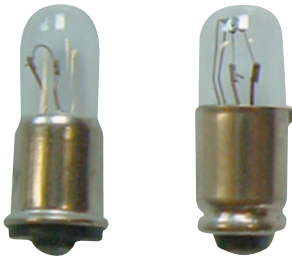
Watt	Volt	MAMP	Order Code
T1 1/2 5 x 20mm			
	6-7V	30	2450060915
	6-7V	166	2450060914
	12V	100	2450060922
	24V	50	2450060937
	24-30V	30	2450060919
	24-30V	42	2450060918
T1 3/4 5 x 20mm			
	28V	40	2450060981
T3 1/4 10 x 27mm			
0.34W	6.3V	150	2450060874
0.65W	6.3V	250	2450060921
2.2W	12V	183	2450060938
2.6W	12V	216	2450060939
3W	12V	250	2450060935
5W	12V	416	2450060934
-	14V	190	2450060875
2W	24V	83	2450060940
3W	24V	125	2450060936
0.62W	28V	60	2450060945
T5 15 x 35mm			
7W	12V		2450065968
18W	12V		2450214641

Tubular E5 Lamps



Volt	MAMP	Order Code
T1 1/2 5 x 16mm		
2.5V	300	2450060946
12V	127	2450060923
14V	50	2450060947
24V	40	2450060950
28V	40	2450060711
T1 3/4 5.8 x 17mm		
24V	35	2450061036
60V	20	2450060941

T1 3/4 Midget Groove / Flange Lamps



Watt	Volt	MAMP	Order Code
Midget Flange 6.2 x 16mm			
1.2W	6V	200	2450060926
1.2W	12V	100	2450060978
0.7W	28V	25	2450060976
1.12W	28V	40	2450060682
2.24W	28V	80	2450060704
1.2W	60V	20	2450060942
Midget Groove 5.84 x 15.9mm			
0.52W	12V	40	2450060825
1W	14V	80	2450060930
0.84W	24V	35	2450061039
1.12W	28V	40	2450060684
1.08W	36V	30	2450061037
1.2W	48V	25	2450060933
1.2W	60V	20	2450060943

Tubular 10 x 28mm E10



Watt	MAMP	Order Code	Watt	MAMP	Order Code
6V			28V		
0.3W	50	2450060776	1.12W	40	2450060748
0.6W	100	2450060778	2.8W	100	2450060693
1.2W	200	2450060780	30V		
1.8W	300	2450060782	2W	66	2450060754
2W	333	2450060784	3W	100	2450060756
3W	500	2450060787	48V		
6.5V			2.4W	50	2450060764
1W	150	2450060773	3W	62	2450060766
1.95W	300	2450060774	50V		
12V			2.5W	50	2450060770
0.6W	50	2450060721	60V		
1.2W	100	2450060723	1.8W	30	2450060790
2W	166	2450060726	2.4W	40	2450060792
2.2W	183	2450060724	3W	50	2450060794
3W	250	2450060728	3.6W	60	2450060796
18V			130V		
1.8W	100	2450060736	2.6W	20	2450060730
24V			160V		
2.4W	25	2450060738	3.2W	20	2450060734
1W	40	2450060740	240V		
1.2W	50	2450060691	4W	16	2450060747
2W	83	2450060744			
2.4W	100	2450060742			
3W	125	2450060746			

Tubular 10 x 28mm BA9S



Watt	MAMP	Order Code	Watt	MAMP	Order Code
5V			24V		
0.45W	100	2450060767	3W	40	2450060745
6V			4W	80	2450060718
0.3W	200	2450060775	28V		
0.6W	300	2450060777	1.12W	100	2450060714
1.2W	333	2450060779	2.24W	40	2450060749
1.8W	500	2450060781	2.8W	50	2450060675
2W	666	2450060783	30V		
3W	150	2450060785	1.2W	66	2450060750
4W	250	2450060786	1.5W	80	2450060751
6.3V			2W	100	2450060753
0.95W	150	2450060771	2.4W	50	2450060752
1.6W	300	2450060772	3W	20	2450060755
6.5V			36V		
0.95W	50	2450060715	1.8W	25	2450060757
2W	100	2450060719	48V		
12V			0.96W	40	2450060759
0.6W	170	2450060720	1.2W	50	2450060760
1.2W	183	2450060722	1.92W	62	2450060761
2W	250	2450060725	2.4W	20	2450060763
2.2W	333	2450060694	3W	30	2450060765
3W	80	2450060727	60V		
4W	100	2450060729	1.2W	33	2450060713
14V			1.8W	40	2450060789
1.12W	100	2450060732	2W	50	2450060797
14.4V			2.4W	60	2450060791
1.4W	25	2450060731	3W	50	2450060713
18V			3.6W	60	2450060795
1.8W	40	2450060735	130V		
24V			2.6W	16	2450060696
0.6W	50	2450060737	160V		
1W	83	2450060739	3.2W	20	2450060733
1.2W	100	2450060692	240V		
2W	125	2450060743	4W	16	2450060697
2.4W	166	2450060741			

Globe 11 x 23mm



Watt	Volt	MAMP	Order Code
BA9S			
0.6W	6V	100	2450060820
1.8W	6V	300	2450060688
3W	6V	500	2450060822
1W	6.5V	150	2450060815
2W	6.5V	300	2450060817
1.2W	12V	100	2450060798
2.2W	12V	183	2450060800
1.2W	24V	50	2450060804
2W	24V	83	2450060807
2.4W	24V	100	2450060808
3W	24V	125	2450060673
3W	30V	100	2450060810
E10			
0.3W	1.25V	250	2450061030
0.75W	2.5V	300	2450061031
1.25W	2.5V	500	2450060803
1.14W	3.8V	300	2450060812
1.2W	4V	300	2450060813
2W	4V	500	2450060814
0.24W	6V	40	2450060818
0.3W	6V	50	2450060819
0.36W	6V	60	2450060686
0.6W	6V	100	2450060821
1.8W	6V	300	2450060690
3W	6V	500	2450060823
1W	6.5V	150	2450060816
2W	6.5V	300	2450060698
1.2W	12V	100	2450060799
2.2W	12V	183	2450060801
3W	12V	250	2450060802
1.2W	24V	50	2450060805
2W	24V	80	2450060806
3W	24V	125	2450060809
3W	30V	100	2450060811

Globe 15 x 28mm



Watt	Volt	MAMP	Order Code
BA9S			
3W	6V	500	2450060846
5W	6V	833	2450060848
5W	12V	410	2450060837
3W	24V	125	2450060842
5W	24V	208	2450060844
E10			
1.25W	2.5V	500	2450060841
1.5W	6V	250	2450060983
3W	6V	500	2450060847
5W	6V	833	2450060849
5W	12V	410	2450060838
3W	24V	125	2450060843
5W	24V	208	2450060845

Globe 18 x 35mm



Watt	Volt	MAMP	Order Code
BA15S			
5W	6V	833	2450060913
10W	6V	1666	2450060911
5W	12V	416	2450060904
10W	12V	833	2450060902
5W	24V	208	2450060907
10W	24V	416	2450060906
7W	28V	250	2450060909
10W	6V	1666	2450060910
BA15D			
5W	12V	416	2450060903
10W	12V	833	2450060901
5W	24V	208	2450060703
10W	24V	416	2450060905
7W	28V	250	2450060908

Globe 18 x 28mm BA15S



Watt	Volt	MAMP	Order Code
2.8W	24V	116	2450060982

Telewriter 6.6 x 35mm Clear E10

Watt	Volt	MAMP	Order Code
3.6W	60V	60	2450060944

Tubular BA7S Lamps



Watt	Volt	MAMP	Order Code
7 x 20mm			
0.6W	6V	100	2450060972
1.2W	6V	200	2450060973
2W	6V	333	2450060974
1.2W	12V	100	2450060963
2W	12V	170	2450060964
0.96W	24V	40	2450060676
1.2W	24V	50	2450060965
1.2W	24V	62	2450060966
3W	24V	125	2450060967
1.12W	28V	40	2450060968
1.5W	30V	50	2450060969
1.2W	48V	25	2450060970
1.2W	60V	20	2450060975
7 x 23mm			
0.24W	6V	40	2450060959
1.2W	12V	100	2450060953
1.2W	24V	50	2450060954
1.5W	30V	50	2450060956

Tubular 9 x 23mm



Watt	Volt	MAMP	Order Code
BA9S			
0.6W	6V	100	2450061006
1W	6V	180	2450061008
1.2W	6V	200	2450061007
2W	6V	333	2450061009
0.6W	12V	50	2450060984
1.2W	12V	100	2450060985
2W	12V	170	2450060986
3W	12V	250	2450060987
1.2W	24V	50	2450060989
2W	24V	80	2450060991
3W	24V	125	2450060993
1.6W	28V	60	2450060996
2.2W	28V	80	2450060997
1W	30V	33	2450060999
1.2W	30V	40	2450060998
2W	30V	66	2450061001
1.8W	36V	50	2450061004
1.9W	48V	40	2450061005
1.2W	60V	20	2450061011
2.6W	130V	20	2450060988
3W	240V	12.5	2450060995
E10			
1.2	24V	50	2450060990
1.92W	24V	80	2450060992
3W	24V	125	2450060994
1W	30V	33	2450061000
3W	30V	100	2450061003

Tubular 13 x 30mm BA15D



Watt	Volt	MAMP	Order Code
1.92W	24V	80	2450060828
3W	24V	125	2450060830
5W	24V	208	2450060831

Tubular 15 x 35mm



Watt	Volt	MAMP	Order Code
BA15D			
10W	260V	38	2450060862
5W	60V	83	2450060872
5W	130V	38	2450060850
7W	140V	50	2450060852
5W	160V	31	2450060854
5W	260V	19	2450060860
7W	260V	26	2450060864
5W	6V	833	2450060870
5W	24V	208	2450060858
5W	30V	166	2450060866
5W	48V	104	2450060868
E14			
5W	6V	833	2450060871
3W	24V	125	2450060857
5W	24V	208	2450060859
5W	30V	166	2450060867
5W	48V	104	2450060869
5W	60V	83	2450060873
5W	130V	38	2450060851
5W	160V	31	2450060855
5W	260V	19	2450060861
7W	260V	26	2450060865
10W	260V	38	2450060863

Tubular 16 x 48mm



Watt	Volt	MAMP	Order Code
BA15D			
3W	24V	125	2450060881
5W	24V	208	2450060883
7-10W	24/30V	333	2450060886
5W	30V	166	2450060888
5W	48V	104	2450060889
5-7W	110/130V	53	2450060877
7-10W	110/140V	71	2450060879
5W	130V	38	2450060876
5-7W	220/260V	26	2450060885
6-10W	220/260V	38	2450060700
E14			
3W	24V	125	2450060881
5W	24V	208	2450060701
6-10W	24/30V	333	2450060887
7-10W	48/60 V	166	2450060890
5-7W	110/130V	53	2450060878
7-10W	110/140V	71	2450060880
7-10W	220/260V	38	2450060884
5-7W	220/260V	26	2450060717

Tubular 16 x 54mm



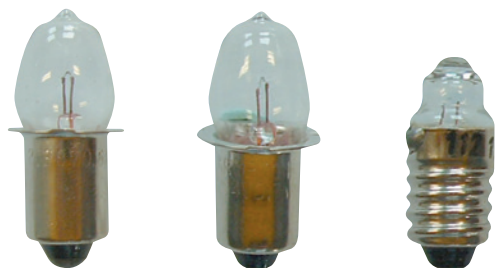
Watt	Volt	MAMP	Order Code
BA15D			
10W	24V	416	2450060891
15W	24V	625	2450060893
5-7W	220/260V	26	2450060899
7-10W	220/260V	38	2450060895
10-15W	220/260V	57	2450060897
E14			
10W	24V	416	2450060892
15W	24V	625	2450060894
5-7W	220/260V	26	2450060900
7-10W	220/260V	38	2450060896
10-15W	220/260V	57	2450060898

E12 Candelabra Lamps



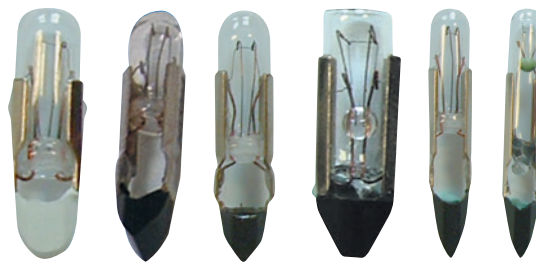
Watt	Volt	MAMP	Order Code
13 x 34mm			
2W	24V	83	2450060834
3W	24V	125	2450060835
2W	28V	71	2450060836
19 x 48mm			
6W	24V		2450060702
6W	30V		2450060951
6W	120V		2450060687
7W	250V		2450060952

Torch Lamps



Watt	Volt	MAMP	Order Code
11 x 30mm P13.5S Pre-Focus			
1.2W	2.4V	500	2450061040
0.75W	2.5V	300	2450061042
1.8W	3.6V	500	2450061044
1.1W	3.7V	300	2450061045
2.4W	4.8V	500	2450061047
3W	6V	500	2450062450
11 x 30mm P13.5S Krypton Pre-Focus			
10W	2.4V	416	2450061041
15W	4.75V	625	2450061046
5-7W	4.8V	26	2450061048
7-10W	5.4V	38	2450061049
9 x 24mm E10 Lens End			
0.21W	1.2V	220	2450061032
0.55W	2.2V	250	2450061033
0.66W	2.5V	300	2450061034
1.11W	3.7V	300	2450061035

Telephone Lamps



Volt	MAMP	Order Code
4.5 x 16mm T4.5		
24V	20	2450061052
24V	50	2450061053
30V	20	2450061054
30V	40	2450061055
4.6 x 22mm T4.6		
24V	20	2450061057
24V	50	2450061058
30V	20	2450061059
30V	40	2450061060
5.5 x 22mm T5.5K		
24V	20	2450061061
24V	50	2450061062
28V	50	2450061063
30V	40	2450061065
12V	100	2450061066
24V	20	2450061067
24V	50	2450060678
28V	40	2450061069
28V	50	2450061070
30V	40	2450061072
36V	35	2450060679
48V	25	2450061073
60V	20	2450060680
6.5 x 28mm American Type		
24V	73	2450060920
28V	40	2450060925
120V	25	2450060699
6.8 x 44mm German Type		
12V	50	2450061077
12V	100	2450061076
24V	20	2450061078
24V	50	2450060709
28V	45	2450060695
30V	40	2450060710
36V	35	2450061082
60V	20	2450060716
70V	20	2450061084

Neon Indicator Lamps



Volt	MAMP	Order Code
10x26mm BA9S		
110V	0.8	2450061125
220V	1.5	2450061126
380V	1.5	2450061127
10x28mm E10		
110V	0.8	2450061128
220V	1.5	2450060707
14x30mm E14		
220V	1.5	2450061133
16x52mm BA15D		
110V	2	2450061136
220V	2.5	2450061137

Stop/Flasher Lamps 26 x 46mm



Watt	Volt	Type	Order Code
BA15S			
21W	6V	AUTO317	2450061096
21W	12V	AUTO382	2450061101
21W	24V	AUTO241	2450061095
24W	24V	AUTO339	2450061572
BA15D			
21W	6V	AUTO319	2450060677
21W	12V	AUTO335	2450061099
21W	24V	AUTO346	2450061100
24W	24V	AUTO333	2450061098

Rear Lamps 10 x 28mm BA9S 12 Volt



Watt	MAMP	Order Code
20W	-	2450061094
5W	416	2450061092
10W	833	2450061093

Flasher (Amber) 26 x 46mm BA15S OSP



Watt	Type	Order Code
21W	AUTO581	2450061587

Xenon EG30 17 x 30mm E10



Watt	Volt	MAMP	Order Code
4W	2.4V	1000	2450061087
2.16W	3.6V	600	2450061088
3.6W	3.6V	1000	2450061089
2.2W	4V	550	2450061090

Fog And Tail Lamps BAZ15D OSP



Watt	Volt	Type	Order Code
21/4W	12V	AUTO566	2450061575

Stop & Tail 26 x 46mm



Watt	Volt	Type	Order Code
21/5W	6V	AUTO384	2450061573
21/5W	12V	AUTO380	2450060712
21/5W	24V	AUTO294	2450061276

Side and Tail Lamps



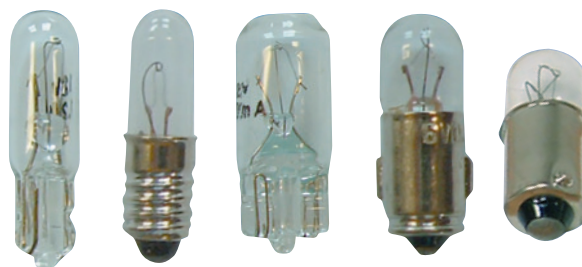
Watt	Volt	MAMP	Type	Order Code
18 x 35mm BA15D				
5W	12V	416		2450060903
5W	24V	208		2450060703
15 x 28mm BA9S				
5W	24V	208		2450060844
9 x 23mm BA9S				
3W	12V	250		2450060987
10 x 27mm W2.1 x 9.5D Wedge				
5W	12V	416	WBC501	2450060934

Headlamps 38 x 56mm BA15D Double Filament (PCB)



Watt	Volt	Type	Order Code
36/36W	12V	HEAD171	2450061119

Indicator and Panel Lamps



Watt	Volt	MAMP	Type	Order Code
5 x 16mm E5				
1.5W	12V	127	LES280	2450060923
5 x 20mm W2 x 4.6D Wedge				
1.2W	12V	100	WBC2721	2450060922
1.2W	24V	50	WBC508	2450060937
7 x 20mm BA7S				
1.2W	6V	200		2450060973
2W	12V	170		2450060964
3W	24V	125		2450060967
10 x 27mm W2.1 x 9.5D Wedge				
3W	12V	250	WBC504	2450060935
3W	24V	125	WBC505	2450060936
5W	24V	208	WBC507	2450061576
23 x 9mm BA9S				
2W	24V	80		2450060991

Tachograph Indicator & Panel Lamps (PCB)



Watt	Volt	Type	Order Code
1.2W	12V	TACH509T BLACK	2450061578

Bus Lamps 38 x 56mm Pearl



Watt	Volt	Type	Order Code
BA15D			
12W	12V	Bus805	2450061105
20-24W	12V	Bus810	2450061107
12W	24V	Bus817	2450061109
20-24W	24V	Bus822	2450061110
BA22D			
12W	12V	Bus804	2450061104
20W	12V	Bus809	2450061106
12W	24V	Bus816	2450061108
20W	24V	Bus821	2450060674

Headlamp Halogen P43T Cap



Watt	Volt	Type	Order Code
60/55W	12V	H4-472	2450061115
75/70W	24V	H4-475	2450061274

Headlamps 38 x 56mm BA15S



Watt	Volt	Type	Order Code
24W	12V	HEAD1	2450061116
36W	12V	HEAD2	2450061120
48W	12V	HEAD23	2450061121

Headlamps 38 x 56mm BA15D



Watt	Volt	Type	Order Code
24W	12V	HEAD4	2450061123
36W	12V	HEAD5	2450061124
48W	12V	HEAD27	2450061122
36W	24V	HEAD123	2450061117
48W	24V	HEAD140	2450061118

Other Automotive

Watt	Volt	Type	Order Code
100W	12V	A483/PK22S	2450000581

Headlamps Halogen PX26D
(Complex Surface/Plastic)



Watt	Volt	Type	Order Code
55W	12V	H7-477	2450061581

Headlamp Halogen P43T Cap



Watt	Volt	Type	Order Code
55W	12V	H1-448	2450061112
70W	24V	H1-466	2450061113

Headlamps Halogen PK22S Cap



Watt	Volt	Type	Order Code
55W	6V	H3-455	2450061580
55W	12V	H3-453	2450061114
70W	24V	H3-460	2450060705
75/70W	24V	P43T	2450061274

Festoon Lamps



Watt	Volt	Type	Order Code
6 x 25mm S5.5			
1W	26V	38	2450061022
3W	12V	250	2450061023
3W	24V	125	2450061024
8 x 31mm S7			
3W	12V	250	2450061026
3W	24V	125	2450061027
8 x 36mm S8			
3W	24V	125	2450061029
3W	12V	250	2450061028
11 x 44mm S8			
5W	12V	416	2450061016
10W	12V	833	2450061015
5W	24V	208	2450061018
10W	24V	416	2450061017
15 x 44mm S8			
15W	6V	3000	2450061021
10W	12V	833	2450061583
18W	12V	1500	2450061019
21W	12V	1750	2450061584
18W	24V	1750	2450061020

Oven Lamps



Applications:

- These lamps for domestic ovens are rated for use up to 300°C.
- Also suitable for use in saunas.

Watt	MAMP	Order Code
E14 Tubular		
15W	240V	2450061142
25W	240V	2450062044
E14 Round		
25W	240V	2450061144
40W	240V	2450061146
E17		
15W	250V	2450061148
25W	250V	2450061149
E27		
25W	240V	2450061143
40W	240V	2450061145

Cooker Hood Lamps



Watt	MAMP	Order Code
26 x 85mm BA15D		
20W	110V	2450061150
25W	240V	2450061163
26 x 85mm E14		
25W	110-130V	2450061153
40W	110-130V	2450061156
25W	240V	2450061161
40W	240V	2450009825
30 x 90mm BA22D		
25W	110-130V	2450061151
40W	110-130V	2450061152
30 x 90mm E27		
40W	110-130V	2450061155
28 x 101mm BA22D		
25W	110-130V	2450061157
40W	240V	2450061158
28 x 101mm E27		
25W	240V	2450061159
40W	240V	2450061160



SIGNALLING

LED BEACONS	98
XENON BEACONS	98
ROTATING BEACONS	99
FLASHING BEACONS	99
BELLS	100
INDUSTRIAL HOOTERS	100
INDUSTRIAL BUZZERS	100

LED Beacons

MOFLASH
SIGNALLING

Applications:

- LED beacons suitable for security, process control & industrial applications where maintenance and long life are important.

Benefits:

- LED long life and extra bright.
- Suitable for wall or surface mounting.
- Dust and weatherproof.



Volt	Colour	Height	Diameter	Part No.	Order Code
24V DC	Amber	162mm	98mm	LEDD125-02-01	2450063742
24V DC	Red	162mm	98mm	LEDD125-02-02	2450068584
230V AC	Amber	162mm	98mm	LEDD125-04-01	2450068585
230V AC	Red	162mm	98mm	LEDD125-04-02	2450068586



X80 Xenon Beacons

MOFLASH
SIGNALLING



Applications:

- Xenon beacons (sometimes called strobes) put out a very brief but bright flash of light.
- Suitable for a wide range of security and general industrial signalling applications.

Benefits:

- Continuously rated.
- High light output.
- Dust and weatherproof.
- 50mm high x 76mm Diameter.

Volt	Colour	Part No.	Order Code
24V DC	Amber	X80-01-01	2450063737
10-100V DC / 20-72V AC	Amber	X80-02-01	2450004781
10-100V DC / 20-72V AC	Red	X80-02-02	2450004782
10-100V DC / 20-72V AC	Blue	X80-02-03	2450003947
115-230V AC	Amber	X80-04-01	2450063739
115-230V AC	Red	X80-04-02	2450063738

Xenon Beacons

MOFLASH
SIGNALLING



Applications:

- Xenon beacons (sometimes called strobes) put out a very brief but bright flash of light.
- Suitable for a wide range of security and general industrial signalling applications.

Benefits:

- Continuously rated.
- High light output.
- Dust and weatherproof.

Description	Diameter	Part No.	Order Code
X200/X201 Sub Assembly Only			
12/24V DC	115mm	X200-21	2450063734
115V AC	115mm	X200-22	2450063735
230V AC	115mm	X201-18	2450063733
X500 Sub Assembly Only			
115V AC	150mm	X500-21	2450307889
230V AC	150mm	X500-22	2450307890
Dome to suit X200, X201 and X500			
Amber	-	-	2450063708
Red	-	-	2450063709
Blue	-	-	2450063710
Green	-	-	2450063711
Clear	-	-	2450063712

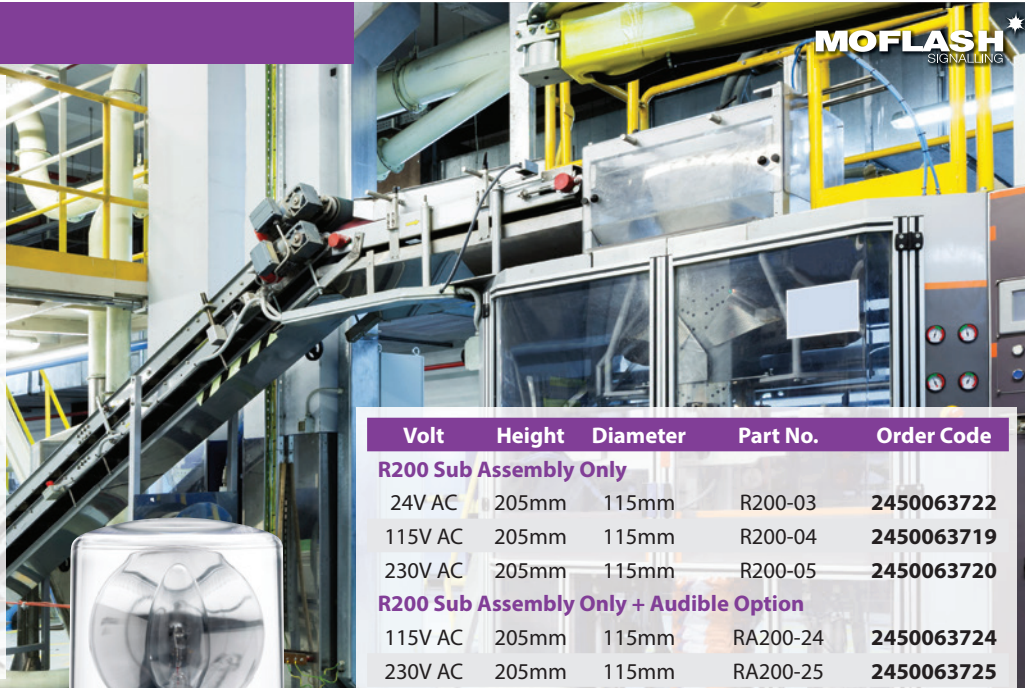
Rotating Beacons

Applications:

- Cost effective, single stage alarm suitable for a wide range of applications where a powerful and commanding signal is required.
- The audible options incorporate a piezo buzzer that is automatically activated when the light source is energised.

Benefits:

- Suitable for surface, conduit box or wall mounting.
- Low current consumption options.
- 360 degree light output.
- Dust and weatherproof.
- Audible versions 95dB.



Volt	Height	Diameter	Part No.	Order Code
R200 Sub Assembly Only				
24V AC	205mm	115mm	R200-03	2450063722
115V AC	205mm	115mm	R200-04	2450063719
230V AC	205mm	115mm	R200-05	2450063720
R200 Sub Assembly Only + Audible Option				
115V AC	205mm	115mm	RA200-24	2450063724
230V AC	205mm	115mm	RA200-25	2450063725

Colour	Order Code
Dome to suit R200	
Amber	2450063708
Red	2450063709
Blue	2450063710
Green	2450063711
Clear	2450063712

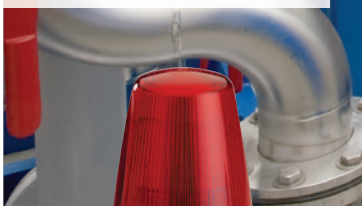
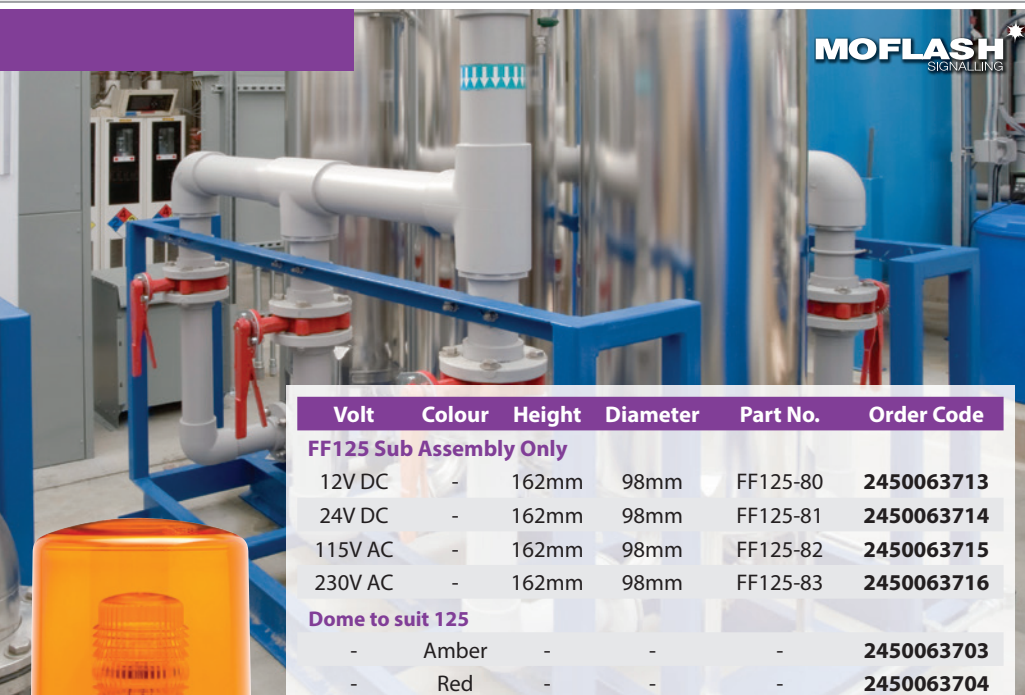
Flashing Beacons

Applications:

- Suitable for security, process control and general industrial signalling applications.
- These beacons are of the flashing mode type (single stage alarm).

Benefits:

- 360 degree light output around the vertical axis.
- Dust and weatherproof.



FF125

FF201

Volt	Colour	Height	Diameter	Part No.	Order Code
FF125 Sub Assembly Only					
12V DC	-	162mm	98mm	FF125-80	2450063713
24V DC	-	162mm	98mm	FF125-81	2450063714
115V AC	-	162mm	98mm	FF125-82	2450063715
230V AC	-	162mm	98mm	FF125-83	2450063716
Dome to suit 125					
-	Amber	-	-	-	2450063703
-	Red	-	-	-	2450063704
-	Blue	-	-	-	2450063705
-	Green	-	-	-	2450063706
-	Clear	-	-	-	2450063707

Volt	Colour	Height	Diameter	Part No.	Order Code
FF201 Complete with Dome					
24V DC	Amber	205mm	115mm	FF201-85-01	2450004258
24V DC	Red	205mm	115mm	FF201-85-02	2450004259
24V DC	Green	205mm	115mm	FF201-85-04	2450004260

Economy Bells



MOFLASH
SIGNALLING

Applications:

- Traditional type bells producing a loud and clear ringing tone.

Benefits:

- Distinctive sound.
- IP44 rated.

Volt	Diameter	Part No.	Order Code
24V DC	150mm	AB6-24DC	2450002336
115V AC	150mm	AB6-115AC	2450002337
230V AC	150mm	AB6-230AC	2450002338

Industrial Hooters



MOFLASH
SIGNALLING

Applications:

- Powerful motor driven hooter giving unique 'klaxon' sound, suitable for marine and industrial applications.

Benefits:

- Powerful high output.
- Dust and weatherproof.
- 120dB.

Volt	Part No.	Order Code
115V AC	AHA1-2004	2450002334
230V AC	AHA1-2006	2450002335
230V DC	AHA1-2003	2450008064

Industrial Buzzers



MOFLASH
SIGNALLING

AE20M

Applications:

- Single stage alarm, suitable for a wide range of industrial applications.

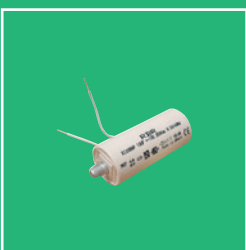
Benefits:

- Wide operating voltage. Continuously rated.

Description	Volt	Part No.	Order Code
90 dB / IP55	130-240V AC	AE20M-230	2450002341
111 dB / IP65	115-230V AC	ABHF8-1436	2450008063



ABHF8



CONTROL GEAR

LED DRIVERS	102 - 104
T5	105 - 107
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HIGH FREQUENCY	110 - 113
SWITCH START	114
EMERGENCY	115 - 120
BATTERIES	121 - 123
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CERAMIC METAL HALIDE	124
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SEALED LEAD ACID BATTERIES	132

Constant Voltage LED Drivers



Applications:

- Constant voltage LED drivers offer a continuous voltage output, designed to run light sources that require a constant voltage such as 12V or 24V.



Watt	Volt	Length	Width	Height	Order Code
Indoor Constant Voltage LED Drivers					
12W	12V	98mm	39mm	22mm	2450006501
20W	12V	130mm	44mm	28mm	2450006502
36W	12V	166mm	52mm	24mm	2450006505
50W	12V	184mm	61mm	32mm	2450006506
100W	12V	158mm	61mm	36mm	2450006509
20W	24V	130mm	44mm	28mm	2450006503
36W	24V	166mm	52mm	24mm	2450006504
50W	24V	184mm	61mm	32mm	2450006507
75W	24V	184mm	61mm	32mm	2450006508
100W	24V	158mm	61mm	36mm	2450006510
Outdoor IP67 Constant Voltage LED Drivers					
75W	12V	186mm	64mm	39mm	2450006511
150W	12V	223mm	70mm	40mm	2450006514
75W	24V	186mm	64mm	39mm	2450006512
150W	24V	223mm	70mm	40mm	2450006513
Outdoor IP67 Constant Voltage Dimmable 1-10V					
25W	12V	148mm	40mm	32mm	2450006515
40W	12V	163mm	43mm	32mm	2450006517
60W	12V	163mm	43mm	32mm	2450006519
120W	12V	220mm	68mm	39mm	2450006521
150W	12V	244mm	68mm	39mm	2450006523
240W	12V	244mm	68mm	39mm	2450006525
25W	24V	148mm	40mm	32mm	2450006516
40W	24V	163mm	43mm	32mm	2450006518
60W	24V	163mm	43mm	32mm	2450006520
120W	24V	220mm	68mm	39mm	2450006522
150W	24V	244mm	68mm	39mm	2450006524
240W	24V	244mm	68mm	39mm	2450006526

Constant Current LED Drivers



Applications:

- Constant current LED drivers offer a continuous current output, designed to run light sources that require a constant current such as 350ma or 700ma.

Watt	MAMP	Length	Width	Height	Order Code
12W	350mA	98mm	39mm	22mm	2450006527
17W	700mA	113mm	44mm	28mm	2450006258

Tridonic ADVANCED Series

TRIDONIC



Applications:

- Each driver has 5 levels of adjustment to change the driver current and wattage.
- Simply move the jumper or resistor to different configurations, and the driver can change drive current, therefore changing the output wattage.

- Please consult table carefully before ordering drivers and resistors.

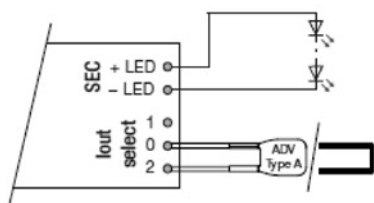
Benefits:

- Flicker free. Compatible to low profile HF ballast for easy luminaire migration into LED.

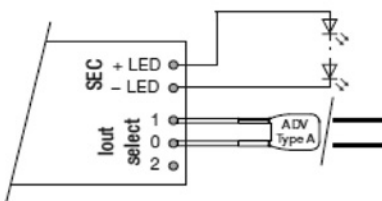
Watt	MAMP	Length	Width	Height	Supplier Code	Order Code
Tridonic Non-SELV						
27-38W	250-350mA	280mm	30mm	21.5mm	87500496 LC 38W 250-350mA flexC Ip ADV	2450009431
38-53W	250-350mA	280mm	30mm	21.5mm	87500499 LC 53W 250-350mA flexC Ip ADV	2450009433
54-71W	250-350mA	280mm	30mm	21.5mm	87500501 LC 71W 250-350mA flexC Ip ADV	2450009435
26-38W	350-500mA	280mm	30mm	21.5mm	87500497 LC 38W 350-500mA flexC Ip ADV	2450009232
50-69W	350-500mA	280mm	30mm	21.5mm	87500599 LC 69W 350-500mA flexC Ip ADV	2450009434

Supplier Code	Order Code
ADV Current Selector Plugs	
28001771 ADV Plug Type A BR	2450009754
28001772 ADV Plug Type B BR	2450009755
28001773 ADV Plug Type C BR	2450009756

Tridonic ADVANCED Series - Plug Selection Chart



Configuration 1



Configuration 2

M3 Number	Desired mA Rating	Selector Plug to Use	Configuration
2450009431	250mA	Type A - 2450009754	2
	275mA	Type B - 2450009755	2
	300mA	Type A - 2450009754	1
	325mA	Type C - 2450009756	2
	350mA	-	-
2450009432	350mA	Type A - 2450009754	2
	375mA	Type B - 2450009755	2
	400mA	Type A - 2450009754	1
	450mA	Type C - 2450009756	2
	500mA	-	-
2450009433	250mA	Type A - 2450009754	2
	275mA	Type B - 2450009755	2
	300mA	Type A - 2450009754	1
	325mA	Type C - 2450009756	2
	350mA	-	-
2450009434	350mA	Type A - 2450009754	2
	375mA	Type B - 2450009755	2
	400mA	Type A - 2450009754	1
	450mA	Type C - 2450009756	2
	500mA	-	-
2450009435	250mA	Type A - 2450009754	2
	275mA	Type B - 2450009755	2
	300mA	Type A - 2450009754	1
	325mA	Type C - 2450009756	2
	350mA	-	-

Constant Current Dimmable LED Drivers



TRIDONIC



Applications:

- Constant voltage LED drivers offer a Continuous current output, designed to run light sources that require a constant current such as 350ma or 700ma.

Watt	MAMP	Length	Width	Height	Supplier Code	Order Code
PowerLED (Phase Dim)						
18W	350mA	110mm	45mm	28mm	PCC35018TD	2450006529
18W	500mA	110mm	45mm	28mm	PCC50018TD	2450006530
18W	700mA	110mm	45mm	28mm	PCC70018TD	2450006531
Tridonic ECO (DALI)						
15W	150-400mA	145mm	51mm	30mm	LCAI 15W 150mA-400mA ECO slim	2450008683
20W	350-900mA	105mm	70mm	29mm	LCAI 20W 350mA-900mA ECO C	2450008033
35W	350-900mA	120mm	70mm	29mm	LCAI 35W 350mA-900mA ECO C	2450008592
35W	350-900mA	220mm	85mm	31mm	LCAI 35W 350mA-900mA ECO SR	2450008085
55W	900-1750mA	220mm	85mm	31mm	LCAI 55W 900mA-1750mA ECO SR	2450008684

Dimmable Ballast Features

Product Features	HFR / QTI	QTI DALI	PCA ECO	PCA EXCEL
1-10V	✓			
DSI (Digital Serial Interface)			✓	✓
SMART Interface			✓	✓
SwitchDIM / Touch DIM		✓	✓	✓
SwitchDIM / Touch DIM Memory Function		✓	✓	✓
Corridor Function		✓	✓	✓
DALI (Digital Addressable Lighting Interface)		✓	✓	✓
Extended DALI Commands				✓
one4all Interface				✓

T5 Non Dimmable


TRIDONIC PHILIPS OSRAM
Applications:

- Electronic ballasts for T5 fluorescent lamps.
- Integrated lamp detection, safety shutdown at end of life.
- Average life 50,000 hours.
- Flicker free warm start.
- Other manufacturers are available on request.

High Efficiency

Lamp Type	Length	Width	Height	Supplier Code	Order Code
Tridonic					
1x4, 6, 8, 13W	80mm	40mm	21mm	PC 1X4-13W BASIC	2450000936
1x4, 6, 8, 13W	145mm	22mm	21mm	PC 1X4-13W BASIC SL	2450000939
1x14, 21, 28, 35W	280mm	30mm	21mm	PC 1x14-35W T5 PRO	2450237952
2x14, 21, 28, 35W	360mm	30mm	21mm	PC 2x14-35W T5 PRO	2450237953
3/4x14W	360mm	30mm	21mm	PC 3/4x14 T5 PRO	2450000962
Philips					
1x14, 21, 28, 35W	360mm	30mm	22mm	HFP 114-35 TL5	2450307685
2x14, 21, 28, 35W	360mm	30mm	22mm	HFP 214-35 TL5 HE E11	2450307686
3/4x14/24W	360mm	30mm	22mm	HFPI 341424TL5I	2450062915
Osram					
1x14, 21, 28, 35W	280mm	30mm	21mm	QTP5 11435	2450063905
2x14, 21, 28, 35W	280mm	30mm	21mm	QTP5 21435	2450063910
3/4x14W	280mm	40mm	21mm	QTP5 314	2450068093

High Output

Lamp Type	Length	Width	Height	Supplier Code	Order Code
Tridonic					
1x24W	280mm	30mm	21mm	PC 1x24 T5 PRO LP	2450270321
2x24W	360mm	30mm	21mm	PC 2x24 T5 PRO LP	2450270322
3/4x24W	360mm	30mm	21mm	PC 3/4x24 T5 PRO	2450004285
1x39W	280mm	30mm	21mm	PC 1x39 T5 PRO LP	2450237945
2x39W	360mm	30mm	21mm	PC 2x39 T5 PRO LP	2450237946
1x49W	280mm	30mm	21mm	PC 1x49 T5 PRO LP	2450237947
2x49W	360mm	30mm	21mm	PC 2x49 T5 PRO LP	2450237948
1x54W	280mm	30mm	21mm	PC 1x54 T5 PRO LP	2450237949
2x54W	360mm	30mm	21mm	PC 2x54 T5 PRO LP	2450237950
1x80W	360mm	30mm	21mm	PC 1x80 T5 PRO LP	2450237951
2x80W	425mm	30mm	21mm	PC 2x80 T5 PRO LP	2450000961
Philips					
1x24, 39W	360mm	30mm	22mm	HFP 124-39 TL5	2450307687
2x24, 39W	360mm	30mm	22mm	HFP 224-39 TL5	2450307688
1x49W	360mm	30mm	21mm	HFP 149 TL5	2450270294
2x49W	360mm	30mm	21mm	HFP 249 TL5	2450270295
1x54W	360mm	30mm	22mm	HFP 154 TL5	2450270296
2x54W	360mm	30mm	22mm	HFP 254 TL5	2450270297
1x80W	360mm	30mm	21mm	HFP 180 TL5 PLL	2450270298
2x80W	425mm	30mm	21mm	HFP 280 TL5 PLL	2450003454
Osram					
1x49W	280mm	30mm	21mm	QTP 5149	2450195641
2x49W	360mm	30mm	21mm	QTP 5249	2450195642
1x54W	280mm	30mm	21mm	QTP 154-58 OPTIMAL	2450006739
2x54W	280mm	30mm	21mm	QTP 254-58 OPTIMAL	2450006741
1x80W	360mm	30mm	21mm	QTI 135-80GII	2450007809
2x80W	360mm	30mm	21mm	QTI 235-80GII	2450000481

T5 High Frequency Digital Dimmable

TRIDONIC **OSRAM**



Applications:

- Electronic high frequency dimmable ballasts for T5 lamps.
- For use with digital dimming systems - DSI & DALI.

Lamp Type	Length	Width	Height	Supplier Code	Order Code
Tridonic PCA ECO (DSI & DALI)					
1x14/24W	360mm	30mm	21mm	PCA 1x14/24 T5 ECO	2450068556
2x14/24W	360mm	30mm	21mm	PCA 2x14/24 T5 ECO	2450068557
3x14/24W	360mm	40mm	21mm	PCA 3x14W T5 ECO	2450068558
4x14/24W	360mm	40mm	21mm	PCA 4x14W T5 ECO	2450068559
1x21/39W	360mm	30mm	21mm	PCA 1x21/39 T5 ECO	2450004188
2x21/39W	425mm	30mm	21mm	PCA 2x21/39 T5 ECO	2450068570
1x28, 54W	360mm	30mm	21mm	PCA 1x28/54 T5 ECO	2450004189
2x28, 54W	425mm	30mm	21mm	PCA 2x28/54 T5 ECO	2450068572
1x35/49/80W	360mm	30mm	21mm	PCA1X35/49/80 T5 ECO	2450068564
2x35/49W	360mm	30mm	21mm	PCA 2X35/49 T5 ECO	2450068565
2x80W	425mm	30mm	21mm	PCA 2X80 T5 ECO	2450005169
Tridonic PCA EXCEL					
1x14, 24W	360mm	30mm	21mm	PCA 1x14/24 EXCEL	2450003428
2x14, 24W	360mm	30mm	21mm	PCA 2X14/24 EXCEL	2450000826
4x14/24W	360mm	40mm	21mm	PCA 4X14 EXCEL	2450000836
1x21, 39W	360mm	30mm	21mm	PCA 1X21/39 EXCEL	2450000807
2x21, 39W	360mm	30mm	21mm	PCA 2X21/39 EXCEL	2450003433
1x28, 54W	360mm	30mm	21mm	PCA 1X28/54 EXCEL	2450003430
2x28, 54W	425mm	30mm	21mm	PCA 2X28/54 EXCEL	2450003434
1x35, 49, 80W	360mm	30mm	21mm	PCA 1X35/49/80 EXCEL	2450003431
2x35, 49W	360mm	30mm	21mm	PCA 2X35/49 EXCEL	2450003435
2x80W	425mm	30mm	21mm	PCA 2x80 T5 EXCEL	2450062971
Osram QTI DALI (DALI)					
1x14, 24W	360mm	30mm	21mm	QTI DALI 114-24DIM	2450007814
2x14, 24W	360mm	30mm	21mm	QTI DALI 214-24DIM	2450007816
1x21, 39W	360mm	30mm	21mm	QTI DALI 121-39DIM	2450004048
2x21, 39W	423mm	30mm	21mm	QTI DALI 221-39DIM	2450007817
1x28, 54W	360mm	30mm	21mm	QTI DALI 128-54DIM	2450005977
2x28, 54W	423mm	30mm	21mm	QTI DALI 228-54DIM	2450004876
1x35, 49, 80W	360mm	30mm	21mm	QTI DALI 135-80DIM	2450007815
2x35, 49, 80W	423mm	30mm	21mm	QTI DALI 235-80DIM	2450005976
3x14, 24W	360mm	40mm	21mm	QTI DALI 314-24DIM	2450006007
4x14, 24W	360mm	40mm	21mm	QTI DALI 414-24DIM	2450007819

T5 High Frequency Analogue Dimmable

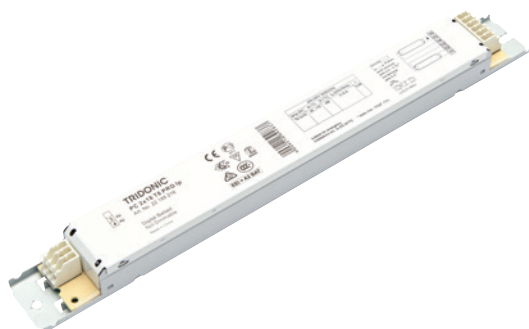
PHILIPS OSRAM**Applications:**

- Electronic T5 ballasts for use with a 1-10v Analogue dimmable system.

Lamp Type	Length	Width	Height	Supplier Code	Order Code
Philips HF Regulator II (1-10V)					
1x14, 28, 35W	360mm	30mm	22mm	HFR 11435TL5EII	2450270299
2x14, 28, 35W	360mm	30mm	22mm	HFR 21435TL5EII	2450068426
3x14W	360mm	39mm	22mm	HFR 314TL5EII	2450270301
4x14W	360mm	39mm	22mm	HFR 414TL5EII	2450003247
1x24W	360mm	30mm	22mm	HFR 124TL5EII	2450270304
2x24W	360mm	30mm	22mm	HFR 224TL5EII	2450270305
1x39W	360mm	30mm	22mm	HFR 139TL5EII	2450270309
2x39W	360mm	30mm	28mm	HFR 239TL5EII	2450008814
1x49W	360mm	30mm	22mm	HFR 149TL5II	2450066468
2x49W	360mm	30mm	22mm	HFR 249TL5II	2450270311
1x54W	360mm	30mm	22mm	HFR 154TL5EII	2450066467
2x54W	360mm	30mm	28mm	HFR 254TL5II	2450270312
Osram Quicktronic DIM (1-10V)					
1x14, 24W	360mm	30mm	21mm	QTI 114-24DIM	2450068425
2x14, 24W	360mm	30mm	21mm	QTI 214-24DIM	2450068357
1x21, 39W	360mm	30mm	21mm	QTI 121-39DIM	2450068354
2x21, 39W	360mm	30mm	21mm	QTI 221-39DIM	2450068358
1x28, 54W	360mm	30mm	21mm	QTI 128-54DIM	2450068355
2x28, 54W	360mm	30mm	21mm	QTI 228-54DIM	2450068359
1x35, 49, 80W	360mm	30mm	21mm	QTI 135-80DIM	2450068356
2x35, 49W	423mm	30mm	21mm	QTI 235-49DIM	2450068352
2x80W	423mm	30mm	21mm	QTI 280DIM	2450007811

T8 High Frequency Non Dimmable

TRIDONIC PHILIPS OSRAM LOYJE



Applications:

- Electronic ballasts for T8 fluorescent lamps.
- Integrated lamp detection, safety shutdown at end of life.
- Average life 50,000 hours.
- Flicker free warm start.
- Other manufacturers are available on request.

Lamp Type	Length	Width	Height	Supplier Code	Order Code
Tridonic					
1x18W	230mm	30mm	21mm	PC 1x18 T8 PRO	2450061786
2x18W	280mm	30mm	21mm	PC 2x18 T8 PRO	2450061792
3/4x18W	234mm	40mm	28mm	PC 4x18 T8 PRO	2450065980
1x30W	234mm	40mm	28mm	PC 1x30 T8 PRO	2450061787
2x30W	234mm	40mm	28mm	PC 2x30 T8 PRO	2450061793
1x36W	230mm	30mm	21mm	PC 1x36 T8 PRO	2450061788
2x36W	280mm	30mm	28mm	PC 2x36 T8 PRO	2450061794
3x36W	360mm	40mm	28mm	PC 3x36 T8 PRO	2450065982
1x58W	230mm	30mm	21mm	PC 1x58 T8 PRO	2450061790
2x58W	280mm	30mm	28mm	PC 2x58 T8 PRO	2450061796
1x70W	234mm	40mm	28mm	PC 1x70 T8 PRO	2450061791
2x70W	360mm	40mm	28mm	PC 2x70 T8 PRO	2450061797
Philips HF Performer II					
1x18W	280mm	30mm	28mm	HFP 118TLDEII	2450062917
2x18W	280mm	30mm	28mm	HFP 218TLDEII	2450062921
3/4x18W	280mm	40mm	28mm	HFP 3/4x18TLDEII	2450062926
1x36W	280mm	30mm	28mm	HFP 136TLDEII	2450062918
2x36W	280mm	30mm	28mm	HFP 236TLDEII	2450062922
1x58W	280mm	30mm	28mm	HFP 158TLDEII	2450062919
2x58W	280mm	30mm	28mm	HFP 258TLDEII	2450062923
Osram					
1x18, 30, 36W	280mm	30mm	21mm	QTP 118-40 OPTIMAL	2450006738
2x18, 30, 36W	360mm	30mm	21mm	QTP 218-40 OPTIMAL	2450006740
1x58W	280mm	30mm	21mm	QTP 154-58 OPTIMAL	2450006739
2x58W	360mm	30mm	21mm	QTP 254-58 OPTIMAL	2450006741
Loyje					
1/2x36w	230mm	40mm	28mm	6.236-2	2450001458
1/2x58w	230mm	40mm	28mm	6.258-2	2450001459
3/4x18-36w	360mm	40mm	28mm	6.436-2	2450001462

T8 High Frequency Digital Dimmable

TRIDONIC

**Applications:**

- Electronic high frequency dimmable ballasts for T8 lamps.
- For use with digital dimming systems - DSI & DALI.

Lamp Type	Length	Width	Height	Supplier Code	Order Code
Tridonic PCA ECO (DSI & DALI)					
1x18W	360mm	30mm	21mm	PCA 1x18 ECO	2450064100
2x18W	360mm	30mm	21mm	PCA 2x18 ECO	2450064103
3x18W	360mm	40mm	21mm	PCA 3x18 ECO	2450068550
4x18W	360mm	40mm	28mm	PCA 4x18 ECO	2450068551
1x36W	360mm	30mm	21mm	PCA 1x36 ECO	2450064101
2x36W	360mm	30mm	21mm	PCA 2x36 ECO	2450064104
1x58W	360mm	30mm	21mm	PCA 1x58 ECO	2450064102
2x58W	425mm	30mm	21mm	PCA 2x58 ECO	2450064105
Tridonic Excel ONE4ALL (DSI & DALI)					
1x18W	360mm	30mm	21mm	PCA 1x18 T8 EXCEL ONE4ALL	2450064106
2x18W	360mm	30mm	21mm	PCA 2x18 T8 EXCEL ONE4ALL	2450064109
3x18W	360mm	30mm	21mm	PCA 3x18 T8 EXCEL ONE4ALL	2450068580
4x18W	360mm	30mm	21mm	PCA 4x18 T8 EXCEL ONE4ALL	2450068581
1x36W	360mm	30mm	21mm	PCA 1x36 T8 EXCEL ONE4ALL	2450064107
2x36W	360mm	30mm	21mm	PCA 2x36 T8 EXCEL ONE4ALL	2450064110
1x58W	360mm	30mm	21mm	PCA 1x58 T8 EXCEL ONE4ALL	2450064108
2x58W	425mm	30mm	21mm	PCA 2x58 T8 EXCEL ONE4ALL	2450064111

T8 High Frequency Analogue Dimmable

PHILIPS OSRAM

**Applications:**

- Electronic T8 ballasts for use with a 1-10v Analogue dimmable system.

Lamp Type	Length	Width	Height	Supplier Code	Order Code
Philips HF Regulator II (1-10V)					
1x18W	360mm	30mm	22mm	HFR 118TLD EII	2450062933
2x18W	360mm	30mm	22mm	HFR 218TLD EII	2450062936
3x18W	359mm	39mm	22mm	HFR 318TLD EII	2450270313
4x18W	359mm	39mm	22mm	HFR 418TLD EII	2450003177
1x36W	360mm	30mm	22mm	HFR 136TLD EII	2450062934
2x36W	360mm	30mm	22mm	HFR 236TLD EII	2450062937
1x58W	360mm	30mm	22mm	HFR 158TLD EII	2450062935
2x58W	360mm	30mm	22mm	HFR 258TLD EII	2450062555
Osram Quicktronic DIM (1-10V)					
1x18W	360mm	30mm	21mm	QTI 118DIM	2450007789
2x18W	423mm	30mm	21mm	QTI 218DIM	2450007792
3x18W	360mm	40mm	21mm	QTI 318DIM	2450007794
4x18W	360mm	40mm	21mm	QTI 418DIM	2450007795
1x36W	360mm	30mm	21mm	QTI 136DIM	2450007790
2x36W	423mm	30mm	21mm	QTI 236DIM	2450007793
1x58W	360mm	30mm	21mm	QTI 158DIM	2450007791
2x58W	423mm	30mm	21mm	QTI 258DIM	2450006309

CFL High Frequency Non Dimmable



TRIDONIC PHILIPS OSRAM Harvard

Applications:

- Non dimmable high frequency electronic ballasts for compact fluorescent lamps.

Lamp Type	Length	Width	Height	Supplier Code	Order Code
Tridonic					
1x5, 7, 9, 11, 13W TC-DE/SE/TE / 16W DD	80mm	40mm	21mm	PC 1X5-16W BASIC	2450000935
1x5, 7, 9, 11, 13W TC-DE/SE/TE / 16W DD	145mm	22mm	21mm	PC 1X5-16W BASIC sl	2450000938
1/2x9, 11, 13W TC-SE/DE/TE	103mm	67mm	31mm	PC 1/2x 9-13 TCS PRO	2450000968
18W TC-DE/TE	80mm	40mm	21mm	PC 1x 18W BASIC	2450000934
18W TC-DE/TE	145mm	22mm	21mm	PC 1x 18W BASIC sl	2450000937
1/2x18W TC-DE/TE	103mm	67mm	31mm	PC 1/2x18 TCD PRO	2450062974
1/2x18, 24, 26, 32, 42W TC-DE, TE, F, L	103mm	67mm	31mm	PC 1/2x26/32/42 TCT PRO	2450000963
2x26, 32, 42W TC-DE, TE	123mm	79mm	31mm	PC 2x26-42 TC PRO	2450062978
1x57, 70W TC-TE	123mm	79mm	31mm	PC 1x57-70 TCT PRO	2450002128
1x18W, 24W TC-F/L	234mm	40mm	28mm	PC 1x18/24 TCL PRO	2450061798
2x18W, 24W TC-F/L	234mm	40mm	28mm	PC 2x18/24 TCL PRO	2450000948
1x36W TC-L	234mm	40mm	28mm	PC 1x36 TCL PRO	2450061800
2x36W TC-L	234mm	40mm	28mm	PC 2x36 TCL PRO	2450061805
1x40W TC-L	234mm	40mm	28mm	PC 1x40 TCL PRO	2450061801
2x40W TC-L	234mm	40mm	28mm	PC 2x40 TCL PRO	2450061898
1x55W TC-L	234mm	40mm	28mm	PC 1x55 TCL PRO	2450061802
2x55W TC-L	360mm	40mm	28mm	PC 2x55 TCL PRO	2450061806
28W DD	150mm	40mm	28mm	PC 1x28 DD PRO	2450270323
38W DD	150mm	40mm	28mm	PC 1x38 DD PRO	2450270324
55W DD	150mm	40mm	28mm	PC 1x55 DD PRO	2450270325
Philips HF Performer II					
1x18W TC-SE/TE	103mm	67mm	30mm	HFP118PL-T/C	2450063043
2x18W TC-SE/TE	123mm	79mm	33mm	HFP218PL-T/C	2450063044
1x22, 24, 26, 32, 42W TC-TE, DE, L	103mm	67mm	33mm	HFP1 22-42 PL-T/C/L	2450062904
2x22, 24, 26, 32, 42W TC-TE, DE, L	103mm	67mm	33mm	HFP2 22-42 PL-T/C/L	2450001064
1x36W TC-F/L	280mm	30mm	28mm	HFP136PLLEII	2450062918
2x36W TC-F/L	280mm	30mm	28mm	HFP236PLLEII	2450062922
1x40W TC-L	280mm	30mm	28mm	HFP140PLLEII	2450008754
1x55W TC-L	280mm	30mm	28mm	HFP155PLLEII	2450062919
2x55W TC-L	280mm	30mm	28mm	HFP255PLLEII	2450062923
Osram					
1x9/10/11/13W TC-SE/DE/TE	93mm	58mm	29mm	QTDE110	2450062877
2x9/10/11/13W TC-SE/DE/TE	93mm	58mm	29mm	QTDE21013	2450062876
18W-24W TC-TE	93mm	58mm	29mm	QTECO118-24	2450002116
1x18W TC-SE/TE	103mm	67mm	31mm	QTPTE1218	2450005762
1x26-42W TC-TE	103mm	67mm	31mm	QTM126-42 (QTPM126-42)	2450062880
2x26-32W TC-TE	123mm	79mm	33mm	QTM226-32 (QTPM226-32)	2450062873
1x18-24W TC-F/L	237mm	30mm	30mm	QTPDL11824 (QTPDL 1x18-24W)	2450062864
2x18-24W TC-F/L	237mm	42mm	30mm	QTPDL218	2450062867
1x36, 40W TC-L	103mm	67mm	31mm	QTPDL13640 1x36-40W	2450062866
2x36, 40W TC-L	423mm	30mm	30mm	QTPDL23640 2x36-40W	2450062870
1x55W TC-L	360mm	30mm	30mm	QTPDL155	2450067384
2x55W TC-L	423mm	30mm	30mm	QTPDL255	2450067388
16W 2D	80mm	40mm	22mm	QTECO14-16 QTE14	2450271002
Harvard					
2x9/10/11/13W TC-SE/DE/TE	110mm	41mm	29mm	DKE213B	2450062797
28W 2D	110mm	41mm	29mm	DKE28B	2450062713
38W 2D	110mm	41mm	29mm	DKE38B	2450062715

High Frequency Compact Digital Dimmable

TRIDONIC OSRAM



Applications:

- Electronic high frequency dimmable ballasts for compact fluorescent lamps.
- For use with digital dimming systems - DSI & DALI.

Lamp Type	Length	Width	Height	Supplier Code	Order Code
Tridonic ECO (DSI & DALI)					
1x11/13W TC-SE/DE	123mm	79mm	31mm	PCA 1x11-13 TCD ECO	2450062950
2x11/13W TC-SE/DE	123mm	102mm	31mm	PCA 2x11-13 TCD ECO	2450062962
1x18W TC-DE/TE	123mm	79mm	31mm	PCA 1x18 TCD ECO	2450062952
2x18W TC-DE/TE	123mm	102mm	31mm	PCA 2x18 TCD ECO	2450062964
1x26-57W TC-DE/TE	123mm	79mm	31mm	PCA 1x26 TCD ECO	2450062954
2x26/32/42W TC-DE/TE	123mm	102mm	31mm	PCA 2x26 TCD ECO	2450068576
1x18-24W TC-L	123mm	79mm	31mm	PCA 1x18/24 TCL ECO	2450062953
2x18-24W TC-L	123mm	102mm	31mm	PCA 2x18/24 TCL ECO	2450068553
1x36-40W TC-L	360mm	30mm	28mm	PCA 1x21/39 T5 ECO	2450004188
2x36-40W TC-L	360mm	30mm	28mm	PCA 2x21/39 T5 ECO	2450068570
1x55W TC-L	360mm	30mm	28mm	PCA 1x35/49/80 T5 ECO	2450068564
2x55W TC-L	360mm	30mm	28mm	PCA 2x80 T5 / 2x55 TCL ECO	2450005169
1x80W TC-L	360mm	30mm	21mm	PCA 1x35/49/80 T5 ECO	2450068564
1x28W DD	123mm	79mm	31mm	PCA 1x28 DD ECO	2450008160
Tridonic EXCEL ONE4ALL (DSI & DALI)					
1x11/13W TC-SE/DE	123mm	79mm	31mm	PCA 1x11-13 TC EXCEL	2450000789
2x11/13W TC-SE/DE	123mm	102mm	31mm	PCA 2x11-13 TC EXCEL	2450000799
1x18W TC-DE/TE	123mm	79mm	31mm	PCA 1x18 EXCEL	2450000788
2x18W TC-DE/TE	123mm	102mm	31mm	PCA 2x18 EXCEL	2450000798
1x26-57W TC-DE/TE	123mm	79mm	31mm	PCA 1x26-57 TC EXCEL	2450330795
2x26/32/42W TC-DE/TE	123mm	102mm	31mm	PCA 2x26/32/42 TC EXCEL	2450000797
1x18-24W TC-L	123mm	79mm	31mm	PCA 1x18/24 TCL EXCEL	2450000790
2x18-24W TC-L	123mm	102mm	31mm	PCA 2x18/24 TCL EXCEL	2450000801
1x36-40W TC-L	360mm	30mm	21mm	PCA 1x21/39 T5 EXCEL	2450000807
2x36-40W TC-L	360mm	30mm	21mm	PCA 2x21/39 T5 EXCEL	2450000825
1x55W TC-L	360mm	30mm	21mm	PCA 1x35/49/80 T5 EXCEL	2450003431
2x55W TC-L	425mm	30mm	21mm	PCA 2x80 T5 / 2x55 TCL EXCEL	2450062971
1x80W TC-L	360mm	30mm	21mm	PCA 1x35/49/80 T5 EXCEL	2450003431
Osram QTI DALI					
1x18, 26, 32, 42W TC-DE/TC-TE	123mm	79mm	33mm	QTI DALI-T/E 1x18-57	2450007996
2x18, 26, 32, 42W TC-DE/TC-TE	123mm	79mm	33mm	QTI DALI-T/E 2x18-42	2450006747

High Frequency Compact Analogue Dimmable

PHILIPS OSRAM



Applications:

- Electronic high frequency ballasts for compact fluorescent lamps.
- For use with a 1-10V Analogue dimmable system.

Lamp Type	Length	Width	Height	Supplier Code	Order Code
Philips HF Regulator II (1-10V)					
1x24W TC-L	359mm	30mm	22mm	HFR124 TL5 PL L EII	2450270304
2x24W TC-L	359mm	30mm	22mm	HFR224 TL5 PL L EII	2450270305
1x26-42W TC-TE	123mm	79mm	33mm	HFR126-42 PL T/C	2450063049
2x26-42W TC-TE	123mm	79mm	33mm	HFR226-42 PLT/C	2450063050
1x40W TC-L	359mm	30mm	22mm	HFR139TL5	2450270309
2x40W TC-L	359mm	30mm	22mm	HFR239TL5	2450008814
1x55W TC-L	360mm	30mm	22mm	HFR154TL5	2450066467
2x55W TC-L	360mm	30mm	22mm	HFR254TL5	2450270312
Osram					
1x14/24W TC-F/L	360mm	30mm	21mm	QN114D	2450068425
2x14/24W TC-F/L	423mm	30mm	21mm	QN214D	2450068357
1x18-57W TC-TE/DE	123mm	79mm	33mm	QTITE118-57DIM (QN157D)	2450271880
2x18-42W TC-TE/DE	123mm	79mm	33mm	QTITE218-42DIM (QN242D)	2450002404

High Frequency for Circular Lamps Non Dimmable

TRIDONIC PHILIPS OSRAM



Applications:

- Non dimmable high frequency electronic ballasts for T5 circular tubes.

Lamp Type	Length	Width	Height	Supplier Code	Order Code
Tridonic					
1x22W	103mm	67mm	31mm	PC 1/2x26/32/42 TCT PRO	2450000963
2x22W	123mm	79mm	31mm	PC 2x26/42W TC PRO	2450062978
1x40W	103mm	67mm	31mm	PC 1x26/32/42 TCT PRO	2450000963
2x40W	123mm	79mm	31mm	PC 2x32-42 TCT PRO	2450062978
1x55W	360mm	30mm	21mm	PC 1X14-35/49/80 T5 PRO	2450003438
Philips					
1x22, 40W	103mm	67mm	30mm	HFP 122-42 PL-T/C/L	2450062904
2x22, 40W	103mm	67mm	30mm	HFP 222-42 PL-T/C/L	2450001064
1x60W	103mm	67mm	30mm	HFP 160 TL5C	2450002267
Osram					
1x22, 40W	103mm	67mm	31mm	QTPM 126-42W	2450062880
2x22W	123mm	79mm	33mm	QTPM 226-32W	2450062873
1x32W	237mm	30mm	30mm	QTPDL 136	2450062866
2x40W	423mm	30mm	30mm	QTPDL 236	2450062870
1x55W	123mm	79mm	33mm	QTFC 155	2450271882

High Frequency for Circular Lamps Dimmable

TRIDONIC



Applications:

- Electronic high frequency dimmable ballasts for compact fluorescent lamps.
- For use with digital dimming systems - DSI & DALI.

Lamp Type	Length	Width	Height	Supplier Code	Order Code
Tridonic ECO (DSI & DALI)					
1x22W	123mm	79mm	31mm	PCA 1x18/24 TCL ECO	2450062953
1x40W	123mm	79mm	31mm	PCA 1x26-57 TC ECO	2450062954
1x55W	123mm	79mm	31mm	PCA 1x55 T5C ECO	2450068575
Tridonic EXCEL ONE4ALL (DSI & DALI)					
1x22W	123mm	79mm	31mm	PCA 1x18/24 TCL EXCEL	2450000790
1x40W	123mm	79mm	31mm	PCA 1x26-57 TC EXCEL	2450330795
1x55W	123mm	79mm	31mm	PCA 1x55 T5C EXCEL	2450000795

Philips HF Matchbox

PHILIPS



Applications:

- Compact lightweight high frequency electronic ballasts for a range of T5, T8 and compact fluorescent lamps.
- Energy saving of more than 25% (at equal flux) when compared to electromagnetic gear.
- Available in Square (SH) or Linear Housing (LH).
- **Red** - Programmed start, flicker free. (for areas with high switching frequency)
- **Blue** - Instant start, flicker free. (for areas with continuous burning _ at least 3 hours, 3-8 switchings per day).

Lamp Type	Length	Width	Height	Supplier Code	Order Code
7/9W PLS & 8W T5	80mm	40mm	22mm	HFMRed109SH	2450002777
6/W T5 & 7/9/11W PL	144mm	22mm	22mm	HFMBLue109LH	2450000693
13W TC-T/TC-D & 14W T5	80mm	40mm	22mm	HFMRed114SH	2450002792
10/13W TC-T/TC-D & 11W PL-S 14W T5	144mm	22mm	22mm	HFMBLue114LH	2450068437
18W PL-C/ PL-T	80mm	40mm	22mm	HFMRed118SH	2450001341
21W T5	187mm	22mm	22mm	HFMBLue121LH	2450000559
15/18W T8 & 18/24W PL-L & 22W T5 Circular & 24W T5	94mm	40mm	22mm	HFMBLue124SH	2450001056
22W T5 Circular & T5 & 24W T5 & 15/18W T8 & 18/24W PL-L	187mm	22mm	22mm	HFMBLue124LH	2450000146
18W T8 & 18/24W PL-L & 22W Circular T5 & 24W T5	80mm	40mm	22mm	HFMRed124SH	2450002778
28W T5	187mm	22mm	22mm	HFMBLue128LH	2450001561

Switch Start Linear 240/250V



Helvar

VS LIGHTING SOLUTIONS

Applications:

- Magnetic wire wound ballasts for running T8 linear lamps.
- These lamps must be used in conjunction with a starter and capacitor.

Lamp Type	Length	Width	Height	Supplier Code	Order Code
Helvar					
18/20W	150mm	42mm	28mm	L18A-K	2450061881
30W	150mm	42mm	28mm	L30A	2450061882
36/40W	150mm	42mm	28mm	L36 A-K	2450061883
58/65W	190mm	42mm	28mm	L58A-K	2450061884
70/75W	190mm	42mm	28mm	L75A	2450061885
Vossloh					
18/20W	190mm	28mm	28mm	LN18.173	2450004368
36W	150mm	41mm	28mm	LN36.201	2450000569
58/65W	190mm	41mm	28mm	LN58.772	2450004479
70/75W	190mm	41mm	28mm	LN75.170	2450002371

Switch Start Compact Ballasts



VS LIGHTING SOLUTIONS

Applications:

- Magnetic wire wound ballasts for running compact fluorescent 2 pin lamps.
- These lamps must be used in conjunction with a starter and capacitor.

Lamp Type	Length	Width	Height	Supplier Code	Order Code
10W TC-DD	85mm	41mm	31mm	LN13.413	2450002471
16W TC-DD	85mm	41mm	28mm	LN16.417 164358	2450002472
28W TC-DD	150mm	41mm	28mm	LN18.162 507952	2450002816
38W TC-DD	150mm	41mm	28mm	LN36.201 507951	2450001478

T8 High Frequency Gear Trays

Lamp Type	Length	Width	Height	Order Code
1x18, 30, 36W T8	375mm	50mm	35mm	2450006634
2x18, 30, 36W T8	375mm	50mm	35mm	2450006635
1x58W T8	375mm	50mm	35mm	2450006636
2x58W T8	375mm	50mm	35mm	2450006637
1x70W T8	375mm	50mm	35mm	2450001551
2x70W T8	425mm	50mm	35mm	2450001740

Electronic Starters

Applications:

- Replacement for the now discontinued Thorn Vivatronic starter.

Description	Order Code
Electronic Starter	2450005002

Fluorescent Starters

Description	Lamp Type	Width	Height	Order Code
Universal Starter	4-65W	-	-	2450003292
Universal Starter	75-125W	-	-	2450003293
FS2	4-22W	-	-	2450002788
EFS400 Pulsestart Cold Start -40°	18-65W Cold Start - 40°	40.3mm	21.5mm	2450002787
EFS600P (Potted) Pulsestart	30-70 & 125W T8/T12/CL	40.3mm	21.5mm	2450000577
EFS600 Pulsestart	30-70 & 125W /T8/T12/CL	40.3mm	21.5mm	2450000567

EM powerLED

TRIDONIC



Applications:

- Constant current LED drivers with combined emergency lighting function.
- 300-1400mA Output current in mains operation which is selectable with an I-SELECT PLUG in steps of 50mA.
- SELV for output voltage <60V DC, these drivers come complete with a 5 year warranty.

Benefits:

- Constant current operation.
- Deep discharge protection.
- Short-circuit-proof battery connection.

Description	Watt	MAMP	Length	Width	Height	Order Code
EM powerLED Basic FX						
89800429 EM powerLED Basic FX 103C	50W	300-1400ma	183mm	82mm	34mm	2450009409
89800411 EM powerLED Basic FX 104C	50W	300-1400ma	183mm	82mm	34mm	2450009411
89800430 EM powerLED Basic FX 103SR	50W	300-1400ma	209mm	82mm	34mm	2450009410
89800412 EM powerLED Basic FX 104SR	50W	300-1400ma	209mm	82mm	34mm	2450009412
EM powerLED CPS FX						
89800436 EM powerLED CPS FX C	50W	300-1400ma	183mm	82mm	34mm	2450009413
89800437 EM powerLED CPS FX SR	50W	300-1400ma	209mm	82mm	34mm	2450009414
EM powerLED HP ST Compact						
89800431 EM powerLED ST FX 103C NiCD	45W	300-1400ma	183mm	82mm	34mm	2450009415
89800502 EM powerLED ST FX 103C NiMH	45W	300-1400ma	183mm	82mm	34mm	2450009416
89800413 EM powerLED ST FX 104C NiCD	45W	300-1400ma	183mm	82mm	34mm	2450009419
89800506 EM powerLED ST FX 104C NiMH	45W	300-1400ma	183mm	82mm	34mm	2450009420
89800432 EM powerLED ST FX 103SR NiCD	45W	300-1400ma	209mm	82mm	34mm	2450009417
89800503 EM powerLED ST FX 103SR NiMH	45W	300-1400ma	209mm	82mm	34mm	2450009418
89800414 EM powerLED ST FX 104SR NiCD	45W	300-1400ma	209mm	82mm	34mm	2450009421
89800507 EM powerLED ST FX 104SR NiMH	45W	300-1400ma	209mm	82mm	34mm	2450009422
EM powerLED HP PRO Compact						
89800433 EM powerLED PRO DIM 103C NiCD	45W	300-1400ma	183mm	82mm	34mm	2450009423
89800504 EM powerLED PRO DIM 103C NiMH	45W	300-1400ma	183mm	82mm	34mm	2450009424
89800415 EM powerLED PRO DIM 104C NiCD	45W	300-1400ma	183mm	82mm	34mm	2450009427
89800508 EM powerLED PRO DIM 104C NiMH	45W	300-1400ma	183mm	82mm	34mm	2450009428
89800434 EM powerLED PRO DIM 103SR NiCD	45W	300-1400ma	209mm	82mm	34mm	2450009425
89800505 EM powerLED PRO DIM 103SR NiMH	45W	300-1400ma	209mm	82mm	34mm	2450009426
89800416 EM powerLED PRO DIM 104SR NiCD	45W	300-1400ma	209mm	82mm	34mm	2450009429
89800509 EM powerLED PRO DIM 104SR NiMH	45W	300-1400ma	209mm	82mm	34mm	2450009430

EM powerLED Batteries



Applications:

- Tridonic batteries for use with the EM powerLED combo units.
- These batteries come with a connector plug for quick and easy connection into the combo unit.

Description	Volt	Number of Cells	Order Code
NiCD 1.8AH	3.6V	3	2450009252
NiCD 1.8AH	4.8V	4	2450009254
NiCD 4.5AH	3.6V	3	2450009253
NiCD 4.5AH	4.8V	4	2450009255
NiCD 4.5AH	6V	5	
NiMH Stick	3.6V	3	2450008700
NiMH Stick	4.8V	4	2450008701
NiMH Stick + Stick	4.8V	4	2450008697
NiMH Stick + Stick	6V	5	2450008698
NiMH Stick + Stick	7.2V	6	2450008699

Emergency Lighting



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Light that makes people feel safe. At all times.

A system is only as good as the weakest link of its chain. This is why we consider emergency lighting as a functional unity – from power supply to battery, from optimal use of the light source to easy integration into the lighting management and building management systems. Tridonic solutions for emergency lighting systems provide for safety in your building, even in case of a power failure.



Emergency Module Only

- All of our emergency modules can also be used in either maintained or non-maintained systems.
 - In maintained mode the emergency lighting power supply unit is used in conjunction with the normal ballast or ballasts to ensure the availability of light during normal and emergency conditions.
 - Non-maintained systems use only the emergency lighting power supply to provide lighting solutions when the mains supply fails.
 - All of our emergency modules are designed for use in self contained systems i.e. the emergency lighting power supply unit and its associated battery pack are housed directly in the luminaire.
 - This type of self-contained system offers the following:-
 - Low installation costs
 - Improved safety on account of redundancy
 - Retrofitting can be carried out at a later date
 - Can be split into various phases and circuits quite easily
- All of our emergency modules can also be used in either maintained or non-maintained systems

Supplier Code	Lamp Type	Length	Width	Height	Order Code
Tridonic EM Basic					
EM33A BASIC	4-14W T5, 18W TC-L, 10-16W 2D	209mm	39mm	28mm	2450062981
EM33B BASIC	18-36W T8	209mm	39mm	28mm	2450067353
EM33C BASIC	5-11W TC-S, 10-13W TC-D, 13W TC-T	209mm	39mm	28mm	2450195394
EM34A BASIC	4-21W T5, 18-24W TC-L, 10-28W 2D	209mm	39mm	28mm	2450157446
EM34B BASIC	18-58W T8, 34-55W TC-L	209mm	39mm	28mm	2450067354
EM35A BASIC	4-24W T5, 18-36W T8, 18-36W TC-L, 10-38W 2D	209mm	39mm	28mm	2450189984
EM35B BASIC	28W T5, 18-70W T8, 40-55W TC-L	209mm	39mm	28mm	2450067355
EM35C BASIC	18-26W TC-D, 13-26W TC-T	209mm	39mm	28mm	2450271790
EM35D BASIC	32-42W TC-T	209mm	39mm	28mm	2450000744
EM36A BASIC	4-13W T5, 18-55W TC-L, 10-55W 2D	209mm	39mm	28mm	2450000743
Tridonic EM Basic G2 NiCD					
EM 04 Basic LP2 G2	8-24W T5, 15-30W T8, 16-28W 2D, 9-26W TC, 22W T5C	230mm	30mm	21mm	2450000748
EM 05 Basic LP2 G2	21W T5, 58W T8, 18-32W TC-T, 24-36W TC-F, 24-40W TC-L	230mm	30mm	21mm	2450009280
EM 06 Basic LP2 G2	28W-80W T5, 70W T8, 38-55W 2D, 26-42W TC-T, 40-55W T5C, 55W TC-L	230mm	30mm	21mm	2450000615
Tridonic EM Basic G2 NiMH					
EM 04 Basic LP G2	8-24W T5, 15-30W T8, 16-28W 2D, 9-26W TC, 22W T5C	230mm	30mm	21mm	2450007766
EM 05 Basic LP G2	21W T5, 58W T8, 18-32W TC-T, 24-36W TC-F, 24-40W TC-L	230mm	30mm	21mm	2450007767
EM 06 Basic LP G2	28W-80W T5, 70W T8, 38-55W 2D, 26-42W TC-T, 40-55W T5C, 55W TC-L	230mm	30mm	21mm	2450007768
Tridonic EM PRO G2					
EM 04 PRO G2	8-24W T5, 15-36W T8, 16-28W 2D, 9-26W TC, 22W T5C, 18W TC-L	230mm	30mm	21mm	2450004050
EM 05 PRO G2	21W T5, 58W T8, 18-32W TC-T, 24-36W TC-F, 24-40W TC-L	230mm	30mm	21mm	2450004051
EM 06 PRO G2	25-80W T5, 70W T8, 38-55W 2D, 26-42W TC-T, 40-55W T5C, 55W TC-L	230mm	30mm	21mm	2450003887
Tridonic EM Selftest					
EM 04 ST G2	8-24W T5, 15-36W T8, 16-28W 2D, 9-26W TC, 22W T5C, 18W TC-L	280mm	30mm	21mm	2450000745
EM 05 ST G2	21W T5, 58W T8, 18-32W TC-T, 24-36W TC-F, 24-40W TC-L	280mm	30mm	21mm	2450000746
EM 06 ST G2	25-80W T5, 70W T8, 38-55W 2D, 26-42W TC-T, 40-55W T5C, 55W TC-L	280mm	30mm	21mm	2450000747
Lite-Plan					
HRN/3	4-8W T5, 5-36W TC, 18-36W T8, 28W 2D	165mm	45mm	29mm	2450000487
HRN/4	4-8W T5, 5-40W TC, 18-58W T8, 28-38W 2D	165mm	45mm	29mm	2450001855
HRN/5	4-8W T5, 5-40W TC, 18-70W T8	165mm	45mm	29mm	2450001856
HRN/6	4-8W T5, 5-55W TC, 18-70W T8, 85-100W T12	165mm	45mm	29mm	2450002278
HRN/T5/4/14+24	14-24W T5	165mm	45mm	29mm	2450005253
HRN/T5/4/21+22	21W T5, 22W T5C	165mm	45mm	29mm	2450005950
HRN/T5/6/28+54	28-54W T5	165mm	45mm	29mm	2450005951
HRN/T5/6/35+49	35-49W T5	165mm	45mm	29mm	2450003845
LLS/6	14-80W T5, 18-80W TC, 36-70W T8, 22-55W T5C	300mm	32mm	21mm	2450005391
Mackwell					
SR642 6C	13-57 TC, 38-55W 2D	210mm	42mm	35mm	2450000543
SR654 6C	24-54W T5	210mm	42mm	35mm	2450003487
SR655 6C	55W TC-L	210mm	42mm	35mm	2450003488
SR664 3C	18-36W T8	150mm	44mm	35mm	2450067369
SR665 4C	18-58W T8	150mm	44mm	35mm	2450003526
SR666 5C	70W T8, 40-55W TCL	150mm	44mm	35mm	2450067371
ST504 5C	14-28W T5	250mm	28mm	28mm	2450001320
ST505 6C	14-35W T5	250mm	28mm	28mm	2450001283
ST506 6C	24-54W T5, 18-58W T8, 22-55W T5C	250mm	28mm	28mm	2450001284
S2CHE	4-8W T5	150mm	44mm	35mm	2450004390
S3CHE	4-14W T5, 15-18W T8, 5-34W TC, 16-28W 2D	150mm	44mm	35mm	2450067367
S4CHE	4-21W T5, 15-58W T8, 5-40W TC, 16-38W 2D	150mm	44mm	35mm	2450067370
S5CHE	4-21W T5, 15-70W T8, 5-55W TC, 16-38W 2D	150mm	44mm	35mm	2450067374



Emergency Module Kit With Batteries



Applications:

- These kits come complete with emergency module, battery, leads, and LED charging indicator – everything you will need to convert an existing fluorescent fitting into a maintained emergency fitting.

Supplier Code	Lamp Type	Length	Width	Height	Order Code
Lite-Plan					
HRN3/KIT	4-13W T5, 15-36WT8, 5-36W TC, 10-28W 2D	166mm	45mm	29mm	2450001857
HRN4/KIT	4-13W T5, 15-58W T8, 5-55W TC, 10-38W 2D	166mm	45mm	29mm	2450001765
HRN5/KIT	4-13W T5, 15-70W T8, 10-38W 2D	166mm	45mm	29mm	2450001858
HRN6/KIT	4-125W T8/T12	166mm	45mm	29mm	2450003894
HRN/T5/4/14+24/KIT	14-24W T5	165mm	45mm	29mm	2450004324
HRN/T5/4/21+22/KIT	21W T5, 22W T5C	165mm	45mm	29mm	2450005949
HRN/T5/6/29+54/KIT	28-54W T5	165mm	45mm	29mm	2450004325
HRN/T5/6/35-49/kit	35-49W T5	165mm	45mm	29mm	2450003702
LLS/6/KIT	14-80W T5, 18-80W TC, 36-70W T8, 22-55W T5C	300mm	32mm	21mm	2450008239
Existalite					
ZTK336 KIT	7-36W	370mm	140mm	55mm	2450001932
ZTK458 KIT	13-58W	370mm	140mm	55mm	2450064628
ZTK6100 KIT	18-125W	370mm	140mm	55mm	2450000518

T5 Combined Module



TRIDONIC

Applications:

- One unit that combines function of an electronic ballast and an emergency lighting module.
- Simplified wiring.
- No compatibility issues.
- 1 hour or 3 hour duration.
- Lamp warm start with electronic ballast operation.
- Combined push wire & IDC terminals.
- For use with single, twin, triple & quad lamps.
- One unit that combines the function of an electronic ballast and an emergency lighting module

Supplier Code	Lamp Type	Length	Width	Height	Order Code
Tridonic					
PC 1x14-3 T5 COMBO Ip	1X14W T5	425mm	30mm	21mm	2450002408
PC 2x14-3 T5 COMBO Ip	2X14W T5	425mm	30mm	21mm	2450002409
PC 3/4x14-33 T5 COMBO	3/4x14W T5	425mm	42mm	28mm	2450195607
PC 1x21/28- 5 COMBO Ip	1x21/28W T5	425mm	30mm	21mm	2450002414
PC 2x21/28-5-COMBO Ip	2x21/28W T5	425mm	30mm	21mm	2450002415
PC 1x24-4 COMBO Ip	1x24W T5	425mm	30mm	21mm	2450002412
PC 2x24-4 COMBO Ip	2x24W T5	425mm	30mm	21mm	2450002413
PC 3/4x24-34 COMBO	3/4x24W T5	425mm	42mm	28mm	2450002411
PC 1x35-6 COMBO Ip	1x35W T5	425mm	30mm	21mm	2450002418
PC 2x35-6 COMBO Ip	2x35W T5	425mm	30mm	21mm	2450002419
PC 1x39-5 COMBO Ip	1x39W T5	425mm	30mm	21mm	2450002416
PC 2x39-5 COMBO Ip	2x39W T5	425mm	30mm	21mm	2450002417
PC 1x49-5 COMBO Ip	1x49W T5	425mm	30mm	21mm	2450002420
PC 2x49-5 COMBO Ip	2x49W T5	425mm	30mm	21mm	2450002421
PC 1x54-6 COMBO Ip	1x54W T5	425mm	30mm	21mm	2450002422
PC 2x54-6 COMBO Ip	2x54W T5	425mm	30mm	21mm	2450002423
PC 1x80-6 COMBO Ip	1x80W T5	425mm	30mm	21mm	2450002424

Combined Circular T5 Module

Supplier Code	Lamp Type	Length	Width	Height	Order Code
PC 1x26/32/42-6 TC COMBO	1x40WT5c	123mm	79mm	31mm	2450002006

T8 Combined Module



TRIDONIC

Applications:

- Combined high frequency ballast and emergency module for T8 lamps.

Supplier Code	Lamp type	Length	Width	Height	Order Code
Tridonic					
PC 3/4x18-33 COMBO	3/4x18WT8	424mm	42mm	28mm	2450195400
PC 1x36-33 COMBO	1x36W T8	424mm	42mm	28mm	2450195396
PC 2x36-33 COMBO	2x36W T8	424mm	42mm	28mm	2450195397
PC 1x58-34 COMBO	1x58W T8	424mm	42mm	28mm	2450195398
PC 2x58-34 COMBO	2x58W T8	424mm	42mm	28mm	2450195399
Existalite					
XCU218.3E	2x18W T8	424mm	42mm	28mm	2450006755
XCU418.3E	4x18W T8	424mm	42mm	28mm	2450004334
XCU136.3E	1x36W T8	424mm	42mm	28mm	2450008013
XCU236.3E	2x36W T8	424mm	42mm	28mm	2450006153
XCU158.3F	1x58W T8	424mm	42mm	28mm	2450004333
XCU258.3F	2x58W T8	424mm	42mm	28mm	2450008014
XCU170.3G	1x70W T8	424mm	42mm	28mm	2450006152
XCU270.3G	2x70W T8	424mm	42mm	28mm	2450006978

2D Combined Module



TRIDONIC

mackwell
LIGHT THE WAY

Applications:

- Combined high frequency ballast and emergency module for 2D lamps.

Watt	Lamp Type	Length	Width	Height	Order Code
Tridonic					
16W 2D	PC 1X16-33 HO DD COMBO	123mm	79mm	31mm	2450000737
28W 2D	PC 1X28-33 LO DD COMBO	123mm	79mm	31mm	2450000736
28W 2D	PC 1X28-33 HO DD COMBO	123mm	79mm	31mm	2450002013
28W 2D	PC 1X28-34 LO DD COMBO	123mm	79mm	31mm	2450195395
28W 2D	PC 1X28-34 HO DD COMBO	123mm	79mm	31mm	2450001467
38W 2D	PC 1X38-34 HO DD COMBO	123mm	79mm	31mm	2450000734
38W 2D	PC 1X38-35 HO DD COMBO	123mm	79mm	31mm	2450002007
Mackwell					
16w 2D	D116 M3 3C	122mm	78mm	31mm	2450003690
28W 2D	D128 M3 4C	122mm	78mm	31mm	2450003696
28W 2D	D123 M3 3C	122mm	78mm	31mm	2450003692
38W 2D	D138 M3 4C	122mm	78mm	31mm	2450003633

CFL Combined Module

TRIDONIC



Applications:

- Combined high frequency ballast and emergency module for CFL lamps.

Supplier Code	Lamp Type	Length	Width	Height	Order Code
Tridonic					
PC 1X18-4 TC COMBO	1x18W TC	123mm	79mm	31mm	2450001945
PC 2x18-4 TC COMBO	2x18W TC	123mm	102mm	31mm	2450000740
PC 1x26/32-5 TC COMBO	1x26-32W TC	123mm	79mm	31mm	2450000732
PC 1x26/32/42-6 TC COMBO	1x26-32-42W TC	123mm	79mm	31mm	2450002006
PC 2x26-4 TC COMBO	2x26W TC	123mm	102mm	31mm	2450000738
PC 2x26/32/42-6 TC COMBO	2x32-42W TC	123mm	102mm	31mm	2450000741
PC 1x36-33 TCL COMBO	1x36W TC-L	424mm	42mm	28mm	2450005320
PC 2x36-33 TCL COMBO	2x36W TC-L	424mm	42mm	28mm	2450004704
PC 1x40-34 TCL COMBO	1x40W TC-L	424mm	42mm	28mm	2450008042
PC 2x40-34 TCL COMBO	2x40W TC-L	424mm	42mm	28mm	2450061898
PC 1x55-35 TCL COMBO	1x55W TC-L	424mm	42mm	28mm	2450004220
PC 2x55-35 TCL COMBO	2x55W TC-L	424mm	42mm	28mm	2450004291
Mackwell					
D113 M3 3C	13W TC	122mm	78mm	31mm	2450003689
D118 M3 4C	18W TC	122mm	78mm	31mm	2450003691
D124 M3 4C	24W TC	122mm	78mm	31mm	2450003694
D126 M3 4C	26W TC	122mm	78mm	31mm	2450003695
DT18 M3 4C	2X18W	124mm	104mm	31mm	2450003503
DT26 M3 4C	2X26W	124mm	104mm	31mm	2450003504
DT32 M3 5C	2X32W	124mm	104mm	31mm	2450003505

Central Battery System Invertors



Applications:

- These have a changeover relay and are for maintained systems only.

Supplier Code	Lamp Type	Length	Width	Height	Order Code
Existalite					
XK.CB/110	18-70W T8, 5-26W TC, 16-55W 2D 110V AC/DC INVERTOR	155mm	42mm	30mm	2450003152
Orbik					
PVR24	7-100W T5, T8, TC, 2D 24V AC/DC INVERTOR	216mm	42mm	28mm	2450006332
PVR50	7-100W T5, T8, TC, 2D 50V AC/DC INVERTOR	216mm	42mm	28mm	2450004900
PVR110	7-100W T5, T8, TC, 2D 110V AC/DC INVERTOR	216mm	42mm	28mm	2450329073

Emergency Lighting Batteries D Cell



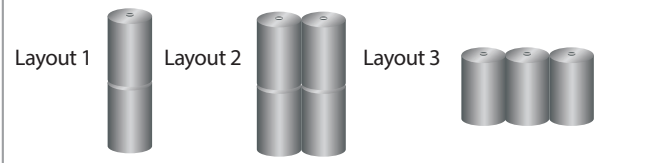
TRIDONIC



Applications:

- Nickel Cadmium NiCD 4AH.
- Battery voltage per cell 1.2V.
- All Tridonic battery sticks come complete with red & black pushfit leads and plastic end caps.
- Yuasa batteries come either with solder tags, leads or leads with plugs.
- Please check the part number carefully before ordering.

***Cell Layout**

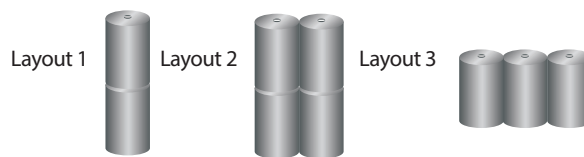


Description	Volt	Length	Width	No. of Cells	Cell Layout*	Order Code
Tridonic Stick						
-	2.4V	150mm	35mm	2	1	2450158733
-	3.6V	210mm	35mm	3	1	2450067359
-	4.8V	269mm	35mm	4	1	2450067360
-	6V	328mm	35mm	5	1	2450067361
Tridonic Stick + Stick						
-	4.8V	151+151mm	35+35mm	4	2	2450067362
-	6V	151+218mm	35+35mm	5	2	2450296916
-	7.2V	218+218mm	35+35mm	6	2	2450296913
Tridonic Side by Side						
-	3.6V	65mm	98mm	3	3	2450296914
-	4.8V	65mm	130mm	4	3	2450296915
Yuasa Stick						
Single Cell Battery	1.2V	59mm	33mm	1	1	2450002791
With tags	2.8V	130mm	33mm	2	1	2450003719
With leads	2.8V	130mm	33mm	2	1	2450326875
With leads & plugs	2.8V	130mm	33mm	2	1	2450004792
With tags	3.6V	195mm	33mm	3	1	2450003721
With leads	3.6V	195mm	33mm	3	1	2450326877
With leads & plugs	3.6V	195mm	33mm	3	1	2450005987
With tags	4.8V	260mm	33mm	4	1	2450003723
With leads	4.8V	260mm	33mm	4	1	2450326879
With leads & plugs	4.8V	260mm	33mm	4	1	2450008069
With tags	6V	325mm	33mm	5	1	2450003575
With leads	6V	325mm	33mm	5	1	2450326880
With leads & plugs	6V	325mm	33mm	5	1	2450006069
With tags	7.2V	390mm	33mm	6	1	2450006331
With leads	7.2V	390mm	33mm	6	1	2450004491
With leads & plugs	7.2V	390mm	33mm	6	1	2450004177
Yuasa Stick + Stick						
With leads	4.8V	130+130mm	33mm	4	2	2450005485
With leads	6V	195+130mm	33mm	5	2	2450006427
With leads & plugs	7.2V	195+195mm	33mm	6	2	2450004283
Yuasa Side by Side						
With tags	2.4V	65mm	70mm	2	3	2450000602
With leads	2.4V	65mm	70mm	2	3	2450005354
On a plate with leads and plugs	2.4V	65mm	70mm	2	3	2450001215
With tags	3.6V	65mm	105mm	3	3	2450003720
With leads	3.6V	65mm	105mm	3	3	2450326876
On a plate with leads and plugs	3.6V	65mm	105mm	3	3	2450004281
With tags	4.8V	65mm	140mm	4	3	2450003722
With leads	4.8V	65mm	140mm	4	3	2450326878
On a plate with leads and plugs	4.8V	65mm	140mm	4	3	2450004793
With leads	6V	65mm	175mm	5	3	2450001806
On a plate with leads and plugs	6V	65mm	175mm	5	3	2450008945
With leads	7.2V	65mm	210mm	6	3	2450001550

Emergency Lighting Batteries D Cell



*Cell Layout



Applications:

- Nickel Cadmium NiCd 4AH.
- Battery voltage per cell 1.2V.
- Orbik batteries are supplied with tag connections.
- Please check the part number carefully before ordering.

Volt	Length	Width	No. of Cells	Cell Layout*	Order Code
7.2V	406mm	35mm	6	1	2450002473
8.4V	465mm	35mm	7	1	2450002795
9.6V	525mm	35mm	8	1	2450000618
12V	648mm	35mm	10	1	2450002794
9.6V	242mm	35+35mm	8	2	2450002268
12V	300mm	35+35mm	10	2	2450003244
6V	65mm	163mm	5	3	2450003097

Emergency Lighting Batteries C Cell



Applications:

- Battery voltage per cell 1.2V.
- All Tridonic battery sticks come complete with red & black pushfit leads and plastic end caps.

Volt	Length	Width	Number of Cells	Order Code
Tridonic				
3.6V	162mm	26mm	3	2450004206
4.8V	205mm	26mm	4	2450001838
6V	247mm	26mm	5	2450000731
7.2V	290mm	26mm	6	2450001843
Tridonic Stick + Stick				
4.8V	119+119mm	26+26mm	4	2450001840
6V	162+119mm	26+26mm	5	2450001842
7.2V	162+162mm	26+26mm	6	2450001844
Tridonic Side by Side				
4.8V	49mm	110mm	4	2450001839
6V	49mm	136mm	5	2450001841

Emergency Lighting Accessories



Description	Colour	Order Code
LED Charge Indicator	Green	2450299177
LED Charge Indicator	Red	2450000036
LED Charge Indicator	Bi-Colour	2450000035
Battery End Cap	-	2450007970
Test Switch	-	2450000750

Low Voltage Emergency Kit



Applications:

- Maintained units are supplied with 12V dimmable transformer and flexible battery system.

Supplier Code	Description	Order Code
SLIM3/12M3	12V 20-50W Maintained (70mm hole)	2450002790
SLIM3/12NM3	12V 20-50W Non Maintained (70mm hole)	2450002789
R960/50/M1	12V <50W Maintained (60mm hole)	2450002182
R960/50/NM1	12V <50W Non Maintained (60mm hole)	2450005825

Emergency Lighting Batteries NiMH



TRIDONIC



Description	Volt	Length (mm)	Width (mm)	No. of Cells	Order Code
Mackwell					
Stick	2.4V	176	18	2	2450004183
Stick	3.6V	246	18	3	2450004184
Stick + Stick	4.8V	176+176	18+18	4	2450004185
Stick + Stick	6V	246+176	18+18	5	2450004186
Stick + Stick	7.2V	246+246	18+18	6	2450002976
Side by Side	4.8V	71	80	4	2450005875
Side by Side	7.2V	71	120	6	2450005876
Tridonic					
Stick	3.6V	294	22	3	2450008700
Stick	4.8V	382	22	4	2450008701
Stick + Stick	4.8V	204+204	22+22	4	2450008697
Stick + Stick	6V	294+204	22+22	5	2450008698
Stick + Stick	7.2V	294+294	22+22	6	2450008699

Applications:

- Nickel Metal Hydride NiMH 4AH.
- Mackwell NiMH stick and stick+stick batteries are supplied with leads and plastic end caps.
- All Tridonic battery sticks come complete with red & black pushfit leads and plastic end caps.

Electronic Standard Dimmable 12V



Applications:

- Fully dimmable.
- Suitable for 12v halogen lamps.
- Fully dimmable.

Supplier Code	VA Rating	Length	Width	Height	Order Code
LEDVANCE					
HTM70 Halotronic Mouse	70VA	108mm	52mm	33mm	2450000265
HTM105 Halotronic Mouse	105VA	108mm	52mm	33mm	2450068246
HTM150 Halotronic Mouse	150VA	153mm	54mm	36mm	2450068247
Tridonic					
TE VIPER 60VA TE-0060	60VA	120mm	40mm	29mm	2450001929
TE-0050 C101 24034855	20-50VA	102mm	51mm	30mm	2450000991
TE-0070 C101 24034868	20-70VA	102mm	51mm	30mm	2450000992
TE-0105 C101 24034874	35-105VA	102mm	51mm	30mm	2450000993

Electronic Transformer - Digital Dimming (DSI & DALI)

TRIDONIC



Supplier Code	VA Rating / Voltage	Length	Width	Height	Order Code
Tridonic					
TE 0105 one4all sc 86457873	20-105VA	167mm	42mm	31mm	2450000979

Electronic Ballasts For Ceramic Metal Halide

TRIDONIC PHILIPS **Harvard** 

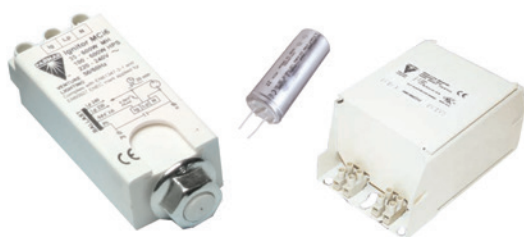


Applications:

- These units eliminate the need for bulky and inefficient magnetic wire wound ballasts and their associated ignitors and capacitors, as it is all built into one compact electronic unit.
- Electronic ballasts for use with ceramic metal halide lamps.

Supplier Code	Lamp type	Length	Width	Height	Order Code
Tridonic					
PCI 0020/22 PRO C011	20W	90mm	60mm	28mm	2450000763
PCI 0035 B011	35W	90mm	60mm	28mm	2450000764
PCI 0035 C521	35W (With cable clamp)	159mm	82mm	34mm	2450000771
PCI 35/70 C011	1X35W or 1X70W	100mm	75mm	29mm	2450000765
PCI 0070 C021	70W (With cable clamp)	159mm	82mm	35mm	2450000769
PCI 0070 C521	70W (With cable clamp)	159mm	82mm	35mm	2450000772
PCI 100/150 C011	100W & 150W	140mm	75mm	29mm	2450000767
Philips					
HIDPVC035S	35W	110mm	75mm	32mm	2450155181
HIDPVC035I	35W (With cable clamp)	150mm	79.5mm	35mm	2450001358
HIDPVC235S	2x35W	135mm	75.5mm	32mm	2450296918
HIDPVC70S	70W	110mm	75mm	32mm	2450296917
HIDPVC70I	70W (With cable clamp)	150mm	78mm	35mm	2450330030
HIDPVC150S	150W	135mm	75mm	32mm	2450003900
HIDPVC150I	150W (With cable clamp)	224mm	83mm	38mm	2450003901
Harvard					
CPE20-240-C	20W (With cable clamp)	177mm	90mm	39mm	2450004276
CPE35-240-C	35W (With cable clamp)	145mm	76mm	32mm	2450004277
CPE70-240-C	70W (With cable clamp)	145mm	76mm	32mm	2450004279
LEDVANCE					
PTN35S	35W	110mm	75mm	30mm	2450002170
PTN35I	35W (With cable clamp)	155mm	83mm	32mm	2450271883
PTN70S	70W	110mm	75mm	30mm	2450068430
PTN70I	70W (With cable clamp)	155mm	83mm	32mm	2450001383
PTN150S	150W	150mm	85mm	31mm	2450271884
PTN150I	150W (With cable clamp)	195mm	96mm	33mm	2450003854

Pulse Start Energy Saving



Applications:

- Convert your existing High Bay, Low Bay, and Floodlights to Pulse Start Metal Halide lamps and stop energy wastage by reducing wattage without reducing light levels.
- High output PULSE START lamps are available in 200W and 350W conversion kits and have the same light output as conventional 250W and 400W metal halide lamps.
- Each conversion kit contains a pulse start lamp and a conversion box which is easily installed in, on, or near each of your existing fittings, running them at reduced power without loss of light.
- Convert your existing High Bay, Low Bay, and Floodlights to Pulse Start Metal Halide lamps.

Supplier Code	Watt	Order Code
IBM-200WCONKIT-10067	200W	2450003390
IBM-350WCONKIT-10068	350W	2450003392

SDWT Control Gear



Supplier Code	Lamp type	Length	Width	Height	Order Code
Philips					
CSLS50 Controller	50W	98mm	58mm	39mm	2450061875
BSL50L307LT Ballast	50W	118mm	61mm	52mm	2450062887
CSLS100 Controller	100W	98mm	58mm	39mm	2450061876
BSL100L307 Ballast	100W	118mm	61mm	52mm	2450328845

Ventronic Dimmable HID Gear

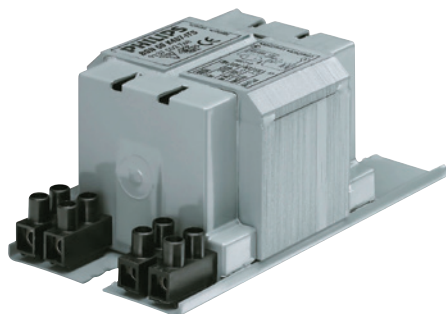


Applications:

- With conventional gear the light is either on or off.
- You will burn lamps at full power - even when you don't need it.
- However use Ventronic and lights can be dimmed when ambient light levels are high, or when there is nobody working in an area monitored by a PIR device.
- Control costs and protect the environment.
- Factories, warehouses, storage facilities, aircraft hangars.
- Major energy saving against standard installation.
- Lighting can be dimmed and only restored to full levels when necessary.
- Reduces energy consumption by using ambient light level and presence detection when linked to suitable switching device.
- Improved lamp life, major energy savings.
- Simple installation, no ignitor required and no capacitor required.
- Operates up to 30 metres from the lamp.

Supplier Code	Length	Width	Height	Order Code
Venture				
VT150SSB255-SD	144mm	91mm	37mm	2450002346
VTC320255	219mm	120mm	91mm	2450002349
VTC350255	219mm	120mm	91mm	2450002350
VTC400255	219mm	120mm	91mm	2450002351
VTC450255	219mm	120mm	91mm	2450002352
VTC600255	230mm	120mm	91mm	2450002353

SON/MH Ballasts

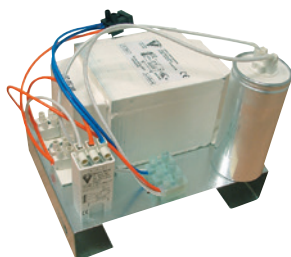


Applications:

- Chokes are required to operate high-pressure discharge lamps.
- Magnetic chokes work on the self-inductance principle and limit lamp current and lamp wattage with a high level of efficiency.
- The impedance of the choke is set to match the particular type of lamp which ensures that the correct lamp performance is achieved.
- In some cases a choke can be used for more than one lamp.
- Supply voltage and supply frequency influence choke requirements and so the operating devices should be matched to the current supply voltage.
- It is possible to expand the scope of application by using chokes with several voltage tapings.

Supplier Code	Lamp Type	Length	Width	Height	Order Code
Newlec					
NLSON70V	70W HPS/MH	106mm	65mm	55mm	1050151700
NLSON150V	150W HPS/MH	135mm	65mm	55mm	1050151698
NLSON250V	250W HPS/MH	127mm	85mm	70mm	1050151699
NLSON400V	400W HPS/MH	167mm	88mm	70mm	1050151701
Venture					
HSZ05322221	50W HPS	100mm	66mm	46mm	2450065422
HSP07223221	70W HPS/MH	106mm	65mm	52mm	2450001421
HSZ07322221	70W HPS/MH	118mm	66mm	46mm	2450065423
HDZ073232B3	70W HPS/MH	117mm	66mm	45mm	2450062586
HSG07322221	70W HPS/MH	173mm	66mm	46mm	2450000608
HSZ10322221	100W HPS/MH	128mm	66mm	46mm	2450062587
HSP15223221	150W HPS/MH	135mm	65mm	52mm	2450002016
HSZ16322221	150W HPS/MH	135mm	66mm	46mm	2450065424
HSP25223221	250W HPS/MH	137mm	86mm	73mm	2450316936
HDV26322221	250W HPS/MH	150mm	97mm	82mm	2450062579
HSP40223221	400W HPS/MH	167mm	86mm	73mm	2450316939
HSV41322221	400W HPS/MH	150mm	98mm	81mm	2450065434
HAV603222B3	600W HPS/MH	150mm	108mm	76mm	2450298829
HDV003212	1000W HPS/MH	177mm	150mm	126mm	2450298828
HMV022383	1500W HPS/MH(415V)	215mm	150mm	126mm	2450296906
HMV913222	2000W HPS/MH (240V)	215mm	150mm	126mm	2450296904
HMV943383	2000W HPS/MH (415V)	215mm	150mm	126mm	2450296905
Philips					
BSN50K407ITS	50W HPS	117mm	65mm	52mm	2450061869
BSN70K407ITS	70W HPS/MH	117mm	65mm	52mm	2450061870
BSN100K407ITS	100W HPS/MH	122mm	65mm	53mm	2450062889
BSN150K407ITS	150W HPS/MH	133mm	79mm	64mm	2450061871
BSN250K407ITS	250W HPS/MH	159mm	75.5mm	64mm	2450061873
BSN400K407ITS	400W HPS/MH	165mm	96mm	82mm	2450061872
BSN1000L78	1000W HPS/MH	255mm	115mm	98mm	2450062892

Gear Tray SON/Metal Halide (C/W Lampholder)

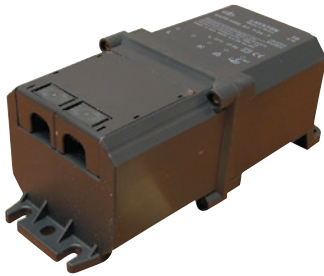


Applications:

- Tray size may vary from that stated

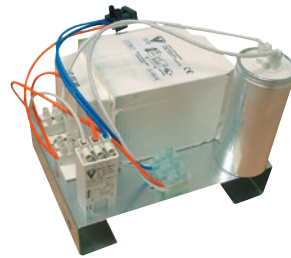
Supplier Code	Lamp Type	Length	Width	Order Code
GT70S	70W	175mm	133mm	2450002300
GT150S	150W	175mm	133mm	2450068331
GT250S	250W	175mm	133mm	2450068334
GT400S	400W	175mm	133mm	2450068337

Enclosed Gearbox SON/Metal Halide Gear



Supplier Code	Lamp Type	Length	Width	Height	Order Code
30314F	35W	156mm	75mm	65mm	2450062747
30714F	70W	170mm	75mm	65mm	2450062749
31514RF	150W	198mm	75mm	65mm	2450062750
32514F	250W	188mm	98mm	86mm	2450068332
34014F	400W	228mm	98mm	86mm	2450298826

Gear Tray Mercury (C/W Lampholder)



Applications:

- Tray size may vary from that stated.

Supplier Code	Lamp type	Length	Width	Height	Order Code
GT80M	80W	175mm	133mm	60mm	2450068342
GT125M	125W	175mm	133mm	60mm	2450002783
GT250M	250W	175mm	133mm	60mm	2450002784
GT400M	400W	175mm	133mm	60mm	2450002785

Mercury Ballasts



Supplier Code	Lamp Type	Length	Width	Height	Order Code
Philips					
BHL5080L407	50W	117mm	64mm	52mm	2450061864
BHL125L307	125W	117mm	64mm	52mm	2450003631
BHL250K307	250W	133mm	75mm	65mm	2450003632
BHL400K307	400W	159mm	75mm	65mm	2450061868
BHL1000L78	1000W	207mm	116mm	102mm	2450062886
Venture					
MG083K22245	80W	172mm	53mm	46mm	2450065440
MZ128K22245	125W	118mm	66mm	46mm	2450065441
HMZ25322245	250W	158mm	66mm	46mm	2450062584
HMP40223221	400W	137mm	86mm	73mm	2450065428

Sox Ballasts

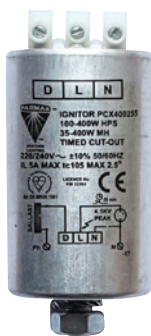


PHILIPS



Supplier Code	Lamp Type	Length	Width	Height	Order Code
Philips					
BSX355L82P	35/55W	195mm	39mm	28mm	2450062900
BSX66H66	66W	173mm	64mm	52mm	2450062895
BSX90L32	90W	117mm	65mm	52mm	2450062896
BSX135H96	135W	149mm	80mm	67mm	2450062899
Venture					
SZ355K245	35/55W	165mm	60mm	48mm	2450062589
SZ090K245	90W	118mm	66mm	46mm	2450062590
SM138K222	135/180W	166mm	107mm	109mm	2450298827

SON / Metal Halide Igniters



Applications:

- The voltage required to initiate the arc discharge on most High Pressure Sodium lamps and some Metal Halide lamps is greater than the ballast open-circuit voltage.
- The ignitor is used to provide this additional voltage for a very small amount of time 1-5 microseconds.
- Mercury lamps do not require ignitors.
- There are two distinct types of ignitor SUPERIMPOSED & IMPULSE
- SUPERIMPOSED - Where the ignitor is situated less than 2 metres away from the lamp. Works independently of the ballast - one wire of three to the ballast.
- IMPULSE - Where the ignitor is situated more than 2 metres from the lamp. The winding of the inductive ballast is used to generate the required pulse voltage - two wires of three to the ballast.

Supplier Code	Lamp type	Length	Width	Height	Order Code
Newlec					
NLIGTR2 SIP	35-70W	71mm	33mm	31mm	1050151679
NLIGTR6 SIP	100-400W	71mm	39mm	NA (Circular)	1050151680
Philips					
SN58 Impulse	HPS 100-600W	85mm	40mm	37mm	2450061880
SN58S Impulse M8 Stud	HPS 100-600W	89mm	40mm	37mm	2450001308
SI51 Parallel	MH 200-400W	85mm	40mm	37mm	2450061879
SN59 Impulse	HPS 1000W	115mm	40mm	37mm	2450062940
SI52 Parallel	MH 1000-2000W	85mm	40mm	37mm	2450062939
SI54 Parallel 415V	MH 2000W	115mm	40mm	37mm	2450003178
Venture					
PXE070255 SIP	35-70W	71mm	33mm	31mm	2450062592
PB070K255 SIP Impulse	35-70W	71mm	39mm	NA (Circular)	2450062596
PXE100255 SIP	35-400W	71mm	33mm	31mm	2450062593
PAE400255 SIP	35-450W	71mm	39mm	NA (Circular)	2450062594
PCX400255 SIP timed	35-450W	75mm	40mm	NA (Circular)	2450002356
MCi6 semi parallel	35-600W	50mm	25mm	17mm	2450002177
PB404K255 SIP Impulse	200-400W	71mm	39mm	NA (Circular)	2450062597
PXE000255 SIP 240v	600-1000W	90mm	50mm	50mm	2450062595
PXE150485 SIP 380-440v	600-2000W	90mm	50mm	50mm	2450000694
PT150K445 SIP	1000-2000W 415V	110mm	51mm	NA (Circular)	2450062600
PBA200485 2 wire parallel	1000-2000W 415V	110mm	51mm	NA (Circular)	2450003688

SOX Igniters



Supplier Code	Lamp type	Length	Width	Height	Order Code
Philips					
SX26	26W	115mm	40mm	37mm	2450062943
SX72	26-55W	115mm	40mm	37mm	2450062510
SX70	66W	115mm	40mm	37mm	2450062944
SX76	66-90W	115mm	40mm	37mm	2450062946
SX74	91-135W	115mm	40mm	37mm	2450062945
Venture					
PB055K245	35/55W	75mm	45mm	-	2450062598



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Capacitors



Capacitors: SOX

Lamp Wattage	MFD	Order Code
18W	5	2450061899
26W	5.5	2450061900
35W	8	2450061901
55W	8	2450061901
90W	8	2450061901
135W	30	2450062656
135/180W	20	2450061904

Capacitors: SON

Lamp Wattage	MFD	Order Code
35W	6	2450061900
50W	8	2450061901
70W	10	2450061902
100W	12	2450062652
150W	20	2450061904
250W	30	2450062656
400W	40	2450062658
600W	60	2450062986
1000W	100 (2x50MFD)	2450062660

Capacitors: Metal Halide

Lamp Wattage	MFD	Order Code
35W	6	2450061900
50W	8	2450061901
70W	10	2450061902
100W	12	2450062652
150W	20	2450061904
250W using HPMV Ballast	20	2450061904
250W using HPS Ballast	30	2450062656
400W using HPMV Ballast	25	2450062655
400W using HPS Ballast	40	2450062658
1000 MBIF	15	2450296919
1500W MBIL	30	2450062656
2000W MBIL	40	2450296921

Capacitors: Mercury

Lamp Wattage	MFD	Order Code
50W	6	2450061900
80W	8	2450061901
125W	10	2450061902
250W	20	2450061904
400W	25	2450062655
700W	30	2450062656
1000W	50	2450062660
2000W	40	2450296921

Capacitors: Fluorescents

Lamp Wattage	MFD	Order Code
16-21W 2D	2	2450062647
28-38W 2D	4	2450062649
5-7-9-11W	2	2450062647
10-13-18W	2	2450062647
26W	4	2450062649
18-24-36W F and L Type	4	2450062649
40W	5	2450061899
2x40W	10	2450061902
3x40W	16	2450061903
22-32-42 Circular	4	2450062649
20W U-TUBE	2	2450062647
40W U-TUBE	4	2450062649
65W U-TUBE	6	2450061900
60W Circular	6	2450061900

Capacitors: Compact Fluorescents

Lamp Wattage	MFD	Order Code
6-13W T2	2	2450062647
4-13W T5	2	2450062647
2x4-8W T5	2	2450062647
2x15-18W T8	4	2450062649
30-36-38W T8	4	2450062649
58-70W	6	2450061900
20-40W T12	4	2450062649
2x20W T12	4	2450062649
65-75W T12	6	2450061900
100W T12	8.4	2450062651
125W T12	8	2450061901
65W T12 SRS Ballast	8.4	2450062651
75W T12 SRS Ballast	8.4	2450062651
85W T12 SRS Ballast	8.4	2450062651
115W TLM	18	2450062654
140W TLM	18	2450062654

Capacitor Identification Guide

If the capacitor you require is not listed below, we will need to know the following information:

- Is it motor run or motor start?
- Microfarad (MF or μF rating)
- Voltage
- Does it have flying leads or push on tags (see pictures below)
- Physical size, and does it have a mounting stud?
- Is the can made of plastic or metal?

Motor Start Capacitors



Applications:

- Motor start capacitors operate in the circuit when the motor is started, until it reaches around 3/4 of its full capacity.
- It is then removed by a switch in the circuit.

Supplier Code	Capacitor Rating	Order Code
102-064	53-64MF 220-275V Motor Capacitor	2450002302
102-074	60-75MF 220-275V Motor Capacitor	2450002304
102-087	80-110MF 220-275V Motor Capacitor	2450002305
102-105	125+ 10%MF 220-275V Motor Capacitor	2450002306
102-135	160-200MF 220-275V Motor Capacitor	2450002307
102-147	180-230MF 220-275V Motor Capacitor	2450002308
102-164	200-250MF 220-275V Motor Capacitor	2450002309
102-179	233-280MF 220-275V Motor Capacitor	2450002310
102-181	243-292MF 220-275V Motor Capacitor	2450002311
102-193	270-324MF 220-275V Motor Capacitor	2450002312
102-200	320-384MF 220-275V Motor Capacitor	2450002313

Motor Run Capacitors

Applications:

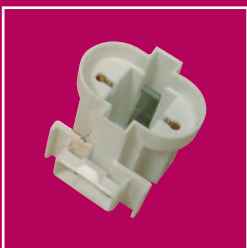
- Motor run capacitors operate after the circuit is started, and they are designed to run continuously in the circuit.
- If you use the wrong motor run capacitor, the motor may hesitate due to an uneven magnetic field.
- This hesitation may result in poor performance, overheating and increased energy consumption.

Supplier Code	Capacitor Rating	Order Code
With Push on Tags		
150-135	2MF 440V Motor Capacitor	2450002314
150-320	4MF 440V Motor Capacitor	2450002315
151-170	8MF 440V Motor Capacitor	2450002316
151-160	8MF 440V Motor Capacitor	2450002317
152-080	10MF 440V Motor Capacitor	2450005890
152-150	12MF 440V Motor Capacitor	2450002318
152-188	14MF 440V Motor Capacitor	2450002319
153-050	20MF 440V Motor Capacitor	2450002320
153-109	25MF 440V Motor Capacitor	2450002301
153-245	30MF 440V Motor Capacitor	2450002321
154-035	35MF 440V Motor Capacitor	2450004446
154-079	40MF 440V Motor Capacitor	2450002322
155-040	50MF 440V Motor Capacitor	2450005174
155-138	65MF 440V Motor Capacitor	2450002323
155-224	80MF 440V Motor Capacitor	2450002324
With Leads		
150-010	0.5MF 440V Motor Capacitor	2450005728
150-300	4MF 440V Motor Capacitor	2450004444
152-100	12MF 440V Motor Capacitor	2450004445
152-170	14MF 440V Motor Capacitor	2450000590
152-295	16MF 440V Motor Capacitor	2450000628
153-184	30MF 440V Motor Capacitor	2450006825
155-008	50MF 440V Motor Capacitor	2450006751
155-102	60MF 440V Motor Capacitor	2450006875

Sealed Lead Acid Batteries



Voltage	AH	Order Code
6V	12AH	2450000530
12V	3.2AH	2450008769
12V	7AH	2450006381
12V	24AH	2450008070



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Accessories & Lamp Holders

Clips and Brackets



Diagram	Part No.	Description	Size	Order Code
1	AC16TC	Steel Clip	16Mm/T5 Steel Terry Clip Screw	2450062990
1	AC26TC	Steel Clip	26Mm/T8 Steel Terry Clip Screw	2450062991
1	AC38TC	Steel Clip	38Mm/T12 Steel Terry Clip Screw	2450062992
2	AC26P	Polycarbonate Clip	26Mm/T8 Steel Terry Clip Screw	2450007934
2	AC38P	Polycarbonate Clip	38Mm/T12 Steel Terry Clip Screw	
3	AC/C	1/2 Clip For 22/32/42 G10q	Lch 22Mm	2450002425
3	AC/C/L	1/2 Clip For 22/32/42 G10q	Lch 29.5Mm	
4	AC26SF	8Mm Hole For Side Clip	26Mm/T8 Steel Terry Clip Screw	2450007935
4	AC38SF	8Mm Hole For Side Clip	38Mm/T12 Steel Terry Clip Screw	
5	ACS	Suspension Clip As Ac1937	8 Kg Load	2450062793

Pre Flexed and Push On Lampholders T5/T8/T12

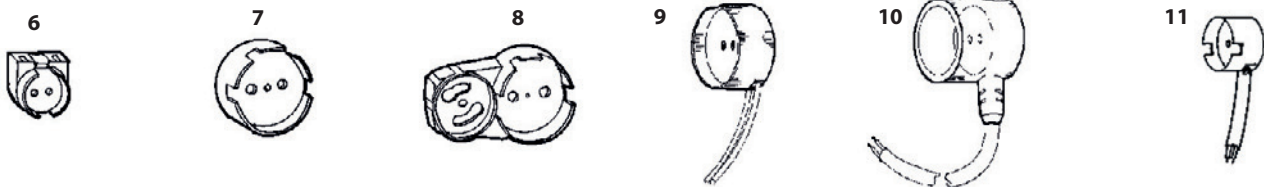


Diagram	Part No.	Description	Size	Fixings	Order Code
6	ALH/S5	-	T5 (G5)	Pushwire	2450062989
6	ALH/S5/E	With Earth Contact	T5 (G5)	Pushwire	-
7	ALH/S8	-	T8 (G13)	Pushwire	2450061826
8	ALH/S8/SH	Integral Starter Holder	T8 (G13)	Pushwire	2450005024
7	ALH/S8/K	Screw Terminal	T8 (G13)	Drawnut	2450005312
7	ALH/S12	-	T12 (G13)	Pushwire	2450061827
7	ALH/S12/E	With Earth Contact	T12 (G13)	Pushwire	-
9	ALH/S5/0.5M	0.5M Prewired Flex	T5 (G5)		2450062776
9	ALH/S5/1	1M Prewired Flex	T5 (G5)		2450068468
9	ALH/S5/2	2M Prewired Flex	T5 (G5)		2450005562
9	ALH/S8/1	1M Prewired Flex	T8 (G13)		2450062779
9	ALH/S8/2	2M Prewired Flex	T8 (G13)		2450005563
9	ALH/S8/3	3M Prewired Flex	T8 (G13)		2450007961
9	ALH/S12/1	1M Prewired Flex	T12 (G13)		2450062782
9	ALH/S12/2	2M Prewired Flex	T12 (G13)		-
9	ALH/S12/3	3M Prewired Flex	T12 (G13)		-
11	ALH/S5/2/LSF	2M Lsf Double Insulated Prewired	T5 (G5)		-
11	ALH/S8/1/LSF	1M Lsf Double Insulated Prewired	T8 (G13)		-
11	ALH/S8/2/LSF	2M Lsf Double Insulated Prewired	T8 (G13)		-
11	ALH/S8/3/LSF	3M Lsf Double Insulated Prewired	T8 (G13)		-
10	ALH/S5/SHD/2	2M Ip64 Double Insulated Prewired	T5 (G5)		-
10	ALH/S8/SHD/2	2M Ip64 Double Insulated Prewired	T8 (G13)		2450004322

End Fix Lampholders T8/T12

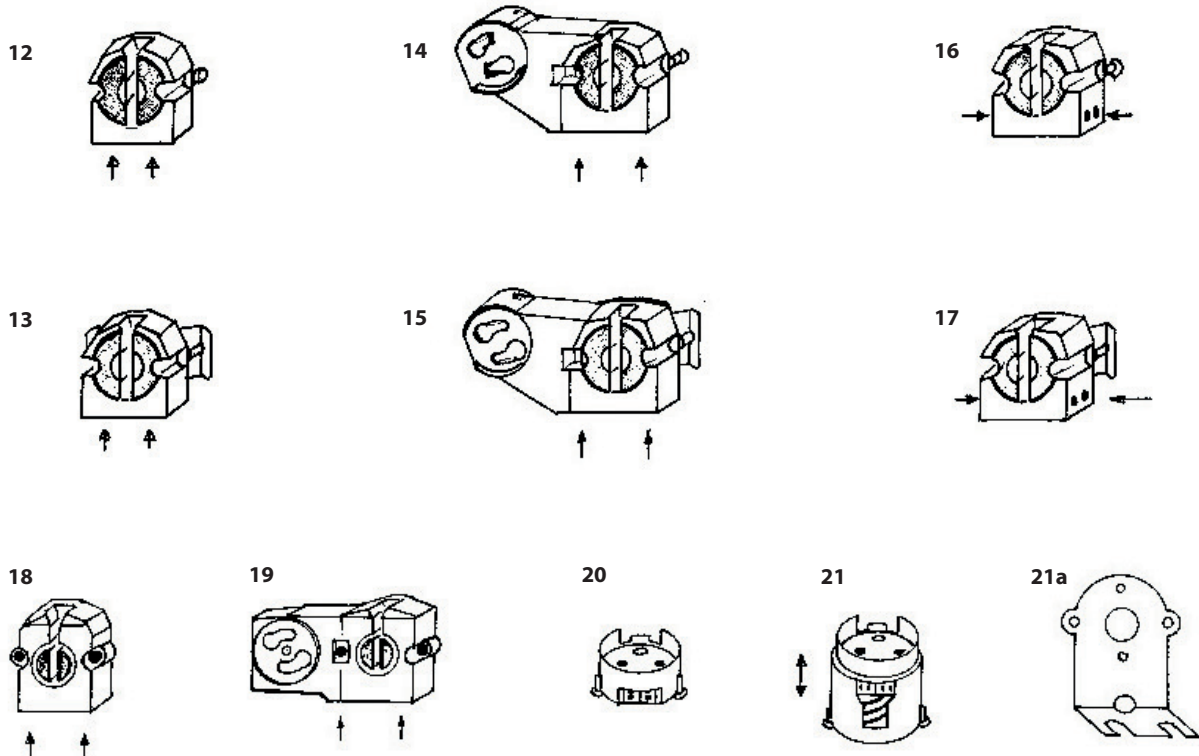


Diagram	Part No.	Description	Lampholder Thickness	Fixings	Order Code
12	ALH/E9	End Fix	9.5mm	26mm fixing centres	2450005096
13	ALH/E9/1	Spring Adjuster	9.5mm	26mm fixing centres	2450004738
14	ALH/E9/S	Integral Starter Holder	9.5mm	26mm fixing centres	-
15	ALH/E9/1/S	Spring Adjuster Cw Starter Holder	9.5mm	26mm fixing centres	2450005249
12	ALH/E10	End Fix	10.5mm	26mm fixing centres	2450005878
12	ALH/E10/1	Spring Adjuster	10.5mm	26mm fixing centres	2450001510
14	ALH/E10/S	Integral Starter Holder	10.5mm	26mm fixing centres	2450005250
15	ALH/E10/1/S	Spring Adjuster Cw Starter Holder	10.5mm	26mm fixing centres	-
13	ALH/E10/1/23	Spring Adjuster	10.5mm	23mm fixing centres	2450005540
12	ALH/E13	End Fix	13.5mm	26mm fixing centres	2450061828
13	ALH/E13/1	Spring Adjuster	13.5mm	26mm fixing centres	2450061829
14	ALH/E13/S	Integral Starter Holder	13.5mm	26mm fixing centres	2450005094
15	ALH/E13/1/S	Spring Adjuster Cw Starter Holder	13.5mm	26mm fixing centres	-
16	ALH/E9/350	End Fix	9.5mm	26mm fixing centres	-
17	ALH/E9/1/350	Spring Adjuster	9.5mm	26mm fixing centres	2450005541
16	ALH/E10/350	End Fix	10.5mm	26mm fixing centres	-
17	ALH/E10/1/350	Spring Adjuster	10.5mm	26mm fixing centres	-
16	ALH/E13/350	End Fix	13mm	26mm fixing centres	-
17	ALH/E13/1/350	Spring Adjuster	13mm	26mm fixing centres	-
18	ALH/345	Screwfix	9.5mm	26mm fixing centres	2450005534
19	ALH345/S	Screwfix C/W Integral Starter Holder	9.5mm	26mm fixing centres	-
18	ALH/340	Screwfix	13.5mm	26mm fixing centres	-
19	ALH/340/S	Screwfix C/W Integral Starter Holder	13.5mm	26mm fixing centres	-
20	ALH/T8/FX	Fixed T8		26mm fixing centres	2450005564
21	ALH/T8/ADJ	Adjustable T8		26mm fixing centres	-
21a	ALH/BKT	Fixing Bracket		LCH 25mm	2450006753

Accessories & Lamp Holders

Push through Lampholders T8/T12

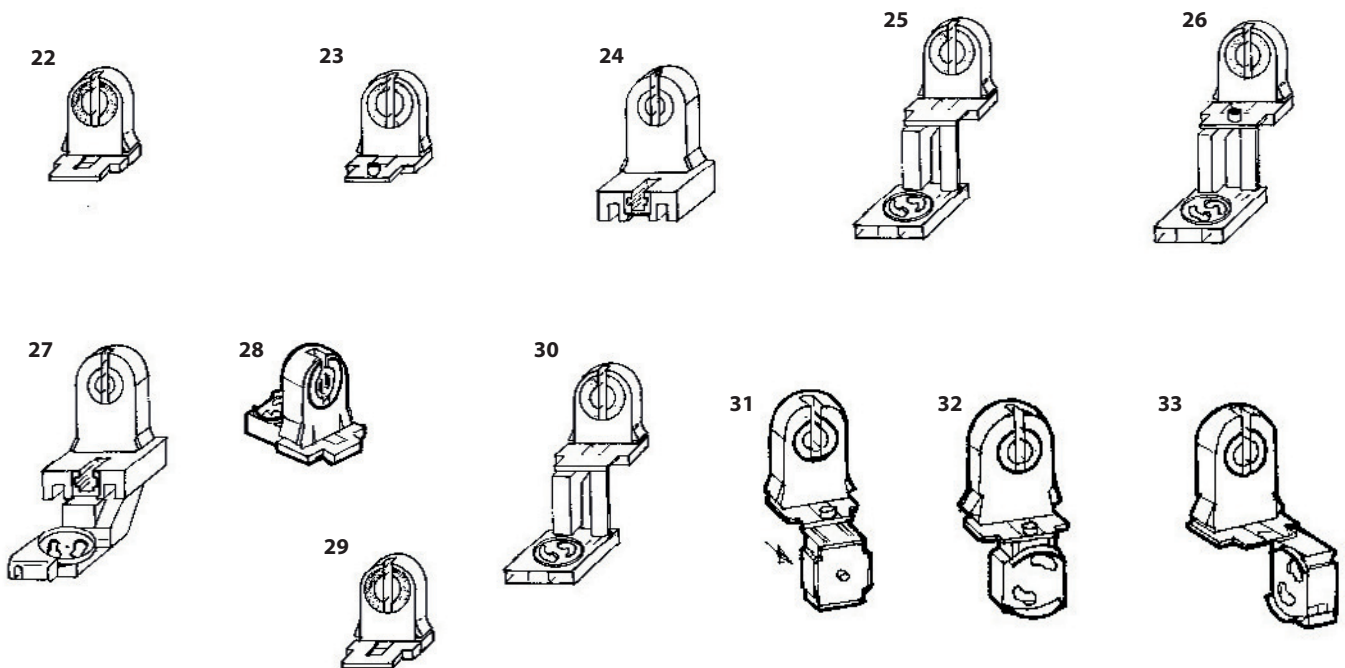


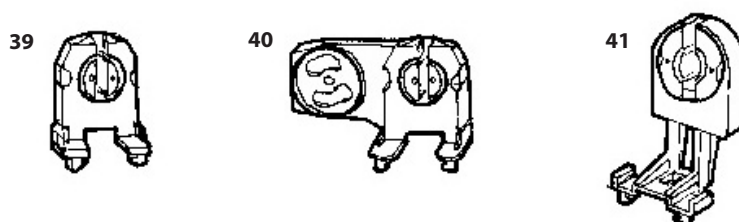
Diagram	Part No.	Description	Lampholder Thickness	Fixings	Order Code
22	ALH/253	Cutout 25.5 x 13.3	29.5mm	11.6mm	2450001663
23	ALH/253P	Cutout 25.5 x 13.3-Peg	29.5mm	11.6mm	2450001808
25	ALH/253/S	Cutout 25.5 x 13.3 Starter Holder	29.5mm	11.6mm	2450001664
26	ALH/253/SP	Cutout 25.5 x 13.3-Peg, Starterholder	29.5mm	11.6mm	-
22	ALH/253/2509	Cutout 25.5 x 9	29.5mm	8.7mm	2450006380
23	ALH/253/2509P	Cutout 25.5 x 9-Peg	29.5mm	8.7mm	2450008733
22	ALH/253/2510	Cutout 25.5 x 10.3	29.5mm	10.0mm	-
23	ALH/253/2510P	Cutout 25.5 x 10.3-Peg	29.5mm	10.0mm	-
22	ALH/255	Cutout 25.5 x 13.3	22.5mm	11.6mm	2450061824
23	ALH/255P	Cutout 25.5 x 13.3-Peg	22.5mm	11.6mm	2450061825
25	ALH/255/S	Cutout 25.5 x 13.3 Starter Holder	22.5mm	11.6mm	-
26	ALH/255/SP	Cutout 25.5 x 13.3-Peg Starter Holder	22.5mm	11.6mm	2450068544
22	ALH/255/2509	Cutout 25.5 x 9	22.5mm	8.7mm	-
23	ALH/255/2509P	Cutout 25.5 x 9-Peg	22.5mm	8.7mm	-
23	ALH/255P/TT	Cutout 25.5 x 13.3-Peg Top Test Facility	22.5mm	11.6mm	-
25	ALH/255SP/TT	Cutout 25.5 x 13.3-Peg Starter Holder	22.5mm	11.6mm	-
24	ALH/197	Cutout 25.5 x 10.5-Screw Terminals		29.7mm	2450005310
27	ALH/197/S	Cutout 25.5 x 10.5 Cw Starter Holder		29.7mm	2450005523
28	ALH/255/SR	Cutout 34 x 25 Rear Starter		22.5mm	2450006056
28	ALH/255/SRP	Cutout 34 x 25 Peg, Rear Starter		22.5mm	-
29	ALH/245	Cutout 25.5 x 13.3		23.5mm	2450004961
29	ALH/245P	Cutout 25.5 x 13.3 Peg		23.5mm	-
30	ALH/245/S	Cutout 25.5 x 13.3 Starter Holder Vertical		23.5mm	-
30	AL245/SP	Cutout 25.5 x 13.3 Peg Starter Holder Vertical		23.5mm	-
31	ALH/245/SR	Cutout 25.5 x 13.3 Rear Facing Starter		23.5mm	-
31	ALH/245/SRP	Cutout 25.5 x 13.3 Peg Rear Facing Starter		23.5mm	-
32	ALH/245/SF	Cutout 25.5 x 13.3 Rear Facing Starter		23.5mm	2450004963
32	ALH/245/SFP	Cutout 25.5 x 13.3 Peg Rear Facing Starter		23.5mm	-
33	ALH/245/SS	Cutout 25.5 x 13.3 Rear Facing Starter		23.5mm	-
33	ALH/245/SSP	Cutout 25.5 x 13.3 Peg Rear Facing Starter		23.5mm	-

Snap In Lampholders - Slot Fixing T8/T12



Diagram	Part No.	Description	Lamp Centre Height	Order Code
34	ALH/270	Cutout 25.5 x 13.3 Wiring - Surface (Side), also 2 Slot Fix	18mm	2450005267
35	ALH/273	Cutout 25.5 x 13.3 Wiring Below	18mm	2450005527
36	ALH/280	Cutout 20 x 10 Wiring Surface (Side)	18mm	2450005528
35	ALH/271	Cutout 20 x 10 Wiring Surface (Side)	21mm	2450007936
35	ALH/1458	Cutout 25.5 x 13.3 Wiring Below	25mm	2450005893
37	ALH/269	Cutout 20 x 10 Wiring Below/Surface (Rear)	25mm	2450002839
38	ALH/1458/S	Cutout 25.5 x 13.3 Wiring Below. Integral S/Holder	25mm	2450006744
38	ALH/269/S	Cutout 20X10 Wiring Below/Surface (Rear). Integral S/Holder	25mm	-
36	ALH252	Cutout 25.5 x 13.3 Wiring Surface (Side)	25mm	2450061823
38	ALH/252/S	Cutout 25.5 x 13.3 Wiring Surface (Side)	25mm	2450005525
39	ALH/243	-	30mm	2450004501

Snap In Lampholders -2 Hole Fix T8/T12



Applications:

- Wiring gripwire connections are on the base of the body.

Diagram	Part No.	Description	Lamp Centre Height	Order Code
40	ALH/243/S	Integral starter holder	30mm	-
39	ALH/246	-	23.5mm	2450004502
40	ALH/246/S	Integral starter holder	23.5mm	2450004503
41	ALH/243/1253	1 wire for instant start circuits	30mm	-
41	ALH/246/1251	1 wire for instant start circuits	23.5mm	-

Accessories & Lamp Holders

Base Fix Lampholders T5

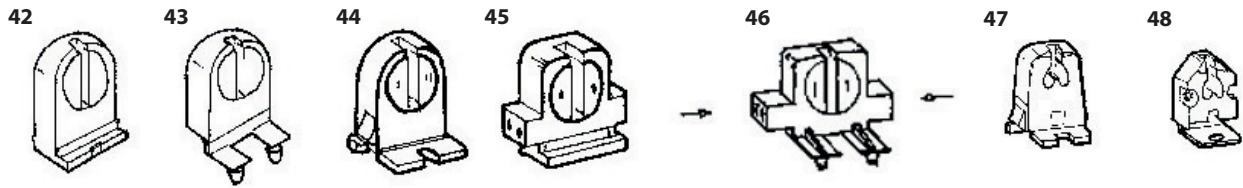


Diagram	Part No.	Description	Fixings	Lamp Centre Height	Order Code
42	ALH/G5/284	Snap In	20 x 10 Wiring Below	15mm	2450005547
42	ALH/G5/284/23	Snap In	20 x 10 Wiring Below	23mm	2450005548
43	ALH/G5/283	2 Holes	2 x 3.7 Base	15mm	2450005546
44	ALH/G5/620	Push Through	20 x 10 Base	16mm	2450061858
44	ALH/G5/620P	Push Through	20 x 10 Peg Base	16mm	-
44	ALH/G5/289/21	Push Through	20 x 10 Base	21mm	2450007012
44	ALH/G5/289/21P	Push Through	20 x 10 Peg Base	21mm	-
44	ALH/G5/289/25	Push Through	20 x 10 Base	25mm	-
44	ALH/G5/289/25P	Push Through	20 x 10 Peg Base	25mm	-
44	ALH/G5/289/30	Push Through	20 x 10 Base	30mm	-
44	ALH/G5/289/30P	Push Through	20 x 10 Peg Base	30mm	-
44	ALH/G5/289/36	Push Through	20 x 10 Base	36mm	-
44	ALH/G5/289/36P	Push Through	20 x 10 Peg Base	36mm	-
45	ALH/G5/660/14	Snap In	20 x 10 Side Surface	14mm	-
45	ALH/G5/660/18	Snap In	20 x 10 Side Surface	18mm	-
45	ALH/G5/660/21	Snap In	20 x 10 Side Surface	21mm	-
46	ALH/G5/1283/15	2 Holes Snap In	2 x 3.7 Side Surface	15mm	-
46	ALH/G5/1283/21	2 Holes Snap In	2 x 3.7 Side Surface	21mm	-
46	ALH/G5/1283/23	2 Holes Snap In	2 x 3.7 Side Surface	23mm	-
46	ALH/G5/1283/36	2 Holes Snap In	2 x 3.7 Side Surface	36mm	-
47	ALH/MPS	Push Through	20 x 10 Below	13.5mm	2450061830
48	ALH/MPB	M3.5	Screw Fix Base	13.2mm	2450006832

End Fix lampholders T5

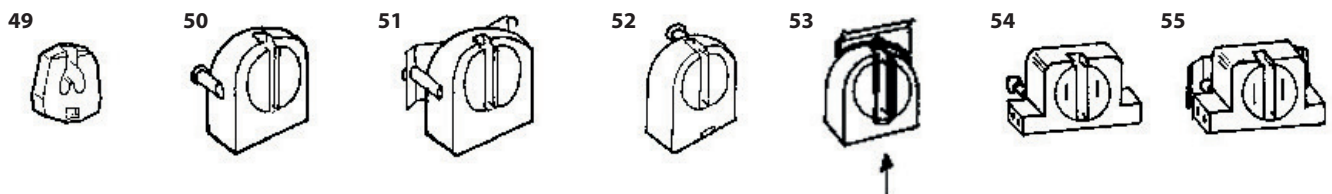


Diagram	Part No.	Description	Fixings	Lamp Centre Height	Order Code
49	ALH/MPE	Vertical Holes @ 18mm Centres	18mm	9.5mm	-
50	ALH/G5/641	Base Wiring	20mm	9.35mm	2450001859
51	ALH/G5/641/1	Base Wiring Adj. Spring	20mm	9.35mm	2450061860
52	ALH/G5/282	Vertical Holes @ 18mm Centres	18mm	9.35mm	2450005544
53	ALH/G5/282/1	Vertical Holes Adj. Spring	18mm	9.35mm	2450005545
54	ALH/G5/640	Side Wiring	20mm	9.35mm	2450007948
55	ALH/G5/640/1	Side Wiring Adj. Spring	20mm	9.35mm	2450007949

G13 U Tube Lampholders



Diagram	Part No.	Description	Order Code
56	ALH/711/S	Screw Fix 2 Holes 24mm C/S Inc. Starter Holder	2450062993
57	ALH/711	Snap Fix 25.5 x 13.3mm Hole Inc. Starter Holder	-

Circular Tube Lampholders

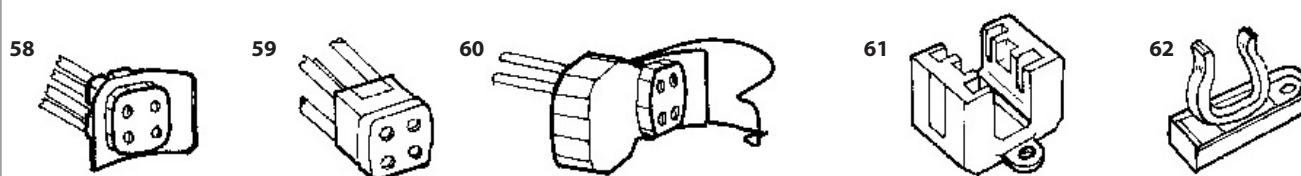
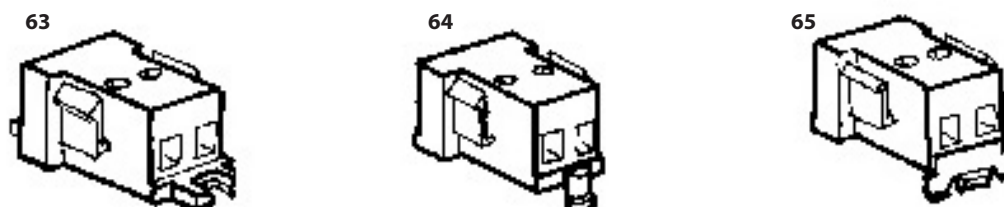


Diagram	Part No.	Description	Order Code
58	ALH/C	Lamp G10q Push On	2450003289
59	ALH/C/E	Lamp G10q Push On	-
60	ALH/C/S	Lamp G10q Push On, Cw Starter Holder & Clip	-
61	ALH/C/2GX13	Lamp 2G x 13 T5 Screw Centres @ 18mm & 26mm	2450068104
61	ALH/C/2GX13/RF	Lamp 2G x 13 T5 Self Tap, Rear Fix	-
61	ALH/C/2GX13/GF	Lamp 2G x 13 T5 Snap Fix 6 Slots	-
62	ALH/C/2GX13/135V	Support Clip For T5c Screw Fix	-

2D 2 Pin Lampholders GR8



Applications:

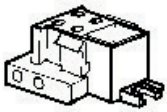
- Wiring is Surface at the ends or from below. 2 pin only suitable for 16/28W 2D (TC-DD).

Diagram	Part No.	Description	Order Code
63	ALH/2D/S	Fixing Centres @ 26mm Screw Fix	2450062786
64	ALH/2D/P	Snap In Peg Fix @ 30mm	2450004734
65	ALH/2D/G	Snap In Grip Fix Slots 17.5x 3.2 & 10.5x9.5	2450068485

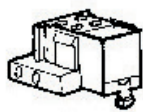
Accessories & Lamp Holders

2D 4 Pin Lampholders GR10Q

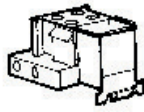
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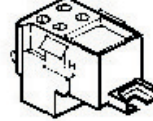
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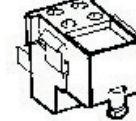
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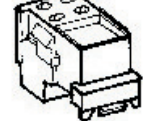
69



70



71



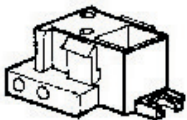
Applications:

- GR10Q for 10/16/21/28/38W 2D lamp. 66, 67, 68 Surface wiring at sides. 69, 70, 71 wiring from below only.

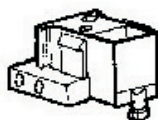
Diagram	Part No.	Description	Order Code
66	ALH/2D/412S	Screw Fixing Centres @ 38mm	2450004319
67	ALH/2D/412P	Peg Snap In @ 30mm	2450002426
68	ALH/2D/412G	Grip Snap In Slots 17.5 x 3.2 & 10.5 x 9.5	2450001742
69	ALH/2D/413S	Screw Fixing Centres @ 35 & 17.5mm	2450005851
70	ALH/2D/413P	Peg Snap In @ 30.2, & 17.5mm	2450005529
71	ALH/2D/413G	Grip Snap In Slots 17.5 x 3.2 & 17.7 x 17.5	2450061855

2D 4 Pin Lampholders GRY10Q-3

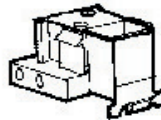
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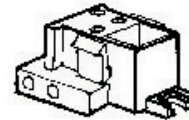
73



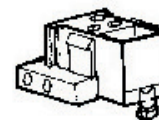
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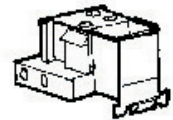
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76



77



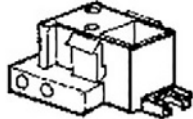
Applications:

- GRY10Q-3 for 55W 2D lamp 72, 73, 74 surface wiring at sides. 75, 76, 77 wiring from below only.

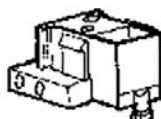
Diagram	Part No.	Description	Order Code
75	ALH/2D/414S	Screw Fixing Centres @ 35 & 17.5mm	2450004881
76	ALH/2D/414P	Peg Snap In @ 30.2 & 17.5mm	-
77	ALH/2D/414G	Grip Snap In Slots 17.5 x 3.2 & 17.7 x 17.5	2450061856
72	ALH/2D/415S	Screw Fixing Centres @ 38mm	2450008734
73	ALH/2D/415P	Snap In @ 30mm	2450006055
74	ALH/2D/415G	Grip Snap In Slots 17.5 x 3.2 & 10.5 x 9.5	2450007937

2D Lampholders for 2D Lamps with Integral Gear

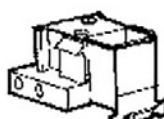
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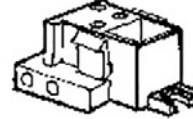
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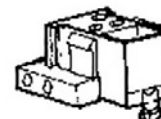
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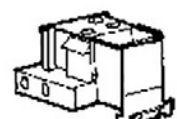
81



82



83



Applications:

- GRZ10d 2 pin lampholder for 18w 2D integral gear.

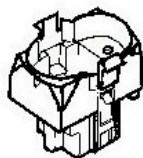
Diagram	Part No.	Description	Order Code
78	ALH/2D/418S	Screw Fixing Centres 38mm	-
79	ALH/2D/418P	Peg Fixing Centres 30mm	-
80	ALH/2D/418G	Grip 17.5 x 3.2 & 10.5 x 9.5mm Holes	-
81	ALH/2D/416S	Screw Fixing Centres 38mm	-
82	ALH/2D/416P	Peg Fixing Centres 30mm	-
83	ALH/2D/416G	Grip 17.5 x 3.2 & 10.5 x 9.5mm Holes	-
-	ALH/GX5.3-1	Screw Fix @ 78.5mm Centres 6/7/9W Integrated Electronic Ballast	-

Compact PL Type 2 Pin

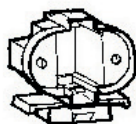
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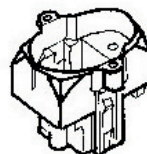
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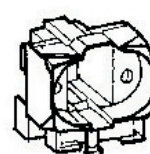
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87



88



89

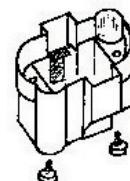
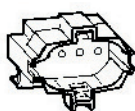


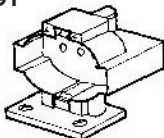
Diagram	Part No.	Description	Order Code
84	ALH/PL	Screw - 24mm Horizontal or 29mm Vertical	2450063000
85	ALH/PL/RS	Recessed Snap In	-
86	ALH/PL/S	Snap In	2450063001
87	ALH/PL/R	Recessed	-
88	ALH/PL/P	Peg Fix	-
84	ALH/PL/H	Screw - Horizontal Only	-
89	ALH/PL/EDF	Self Tap Central Hole or Rear Self Tap	-
84	ALH/PL/GX23	Screw 24mm Horizontal 29mm Vertical	-
84	ALH/PL/G23-2	Screw 24mm	-
86	ALH/PL/G23-2/S	Snap In	-

Compact 4 Pin

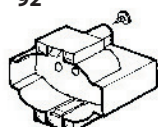
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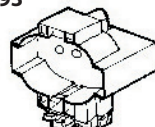
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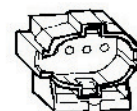
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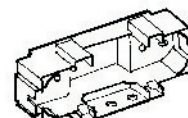
93



94



95



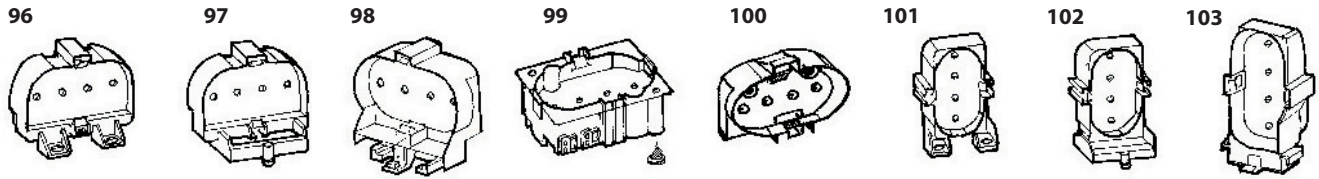
Applications:

- 2G7= 5/7/9/11W 4 pin lamps.

Diagram	Part No.	Description	Order Code
90	ALH/2G7	Screw 24mm. Holes at Rear Of Lampholder	2450008496
91	ALH/2G7/F	Screw 24mm. Holes at Front Of Lampholder	-
92	ALH/2G7/R	Self Tap Rear	-
93	ALH/2G7/S	Snap In Foot 20 x 10mm Hole	-
94	ALH/2G7/P	2 Pegs @ 20mm	-
91	ALH/2GX7/F	Screw 24mm	-
95	ALH/2G10	Screw 24mm	2450062994
95	ALH/2G10/P	2 Pegs @ 20mm	2450062995

Accessories & Lamp Holders

2G11 - TCL/PLL Lampholders

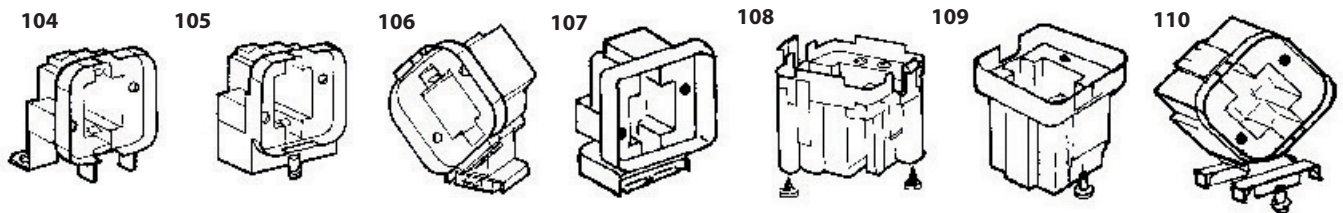


Applications:

- 2G11=18/24/36/40/55/80w -TCL/PLL.

Diagram	Part No.	Description	Order Code
96	ALH/2G11	Screw 24mm	2450062996
97	ALH/2G11/P	Peg 20mm	2450005531
98	ALH/2G11/S	Snap In Foot 25.5 x 13.3mm	2450004994
99	ALH/2G11/R	Rear/Recessed Screw @ 36mm	2450005855
100	ALH/2G11/E	End Fix 24mm	2450005530
101	ALH/2G11/V	Screw 24mm Vertical Mount	2450062997
102	ALH/2G11/VP	Peg 20mm Vertical Mount	2450005533
103	ALH/2G11/VS	Snap In Foot 25.5 x 13.3mm Hole Vertical	2450005095

Compact Lamp Lampholders 2 Pin Cluster

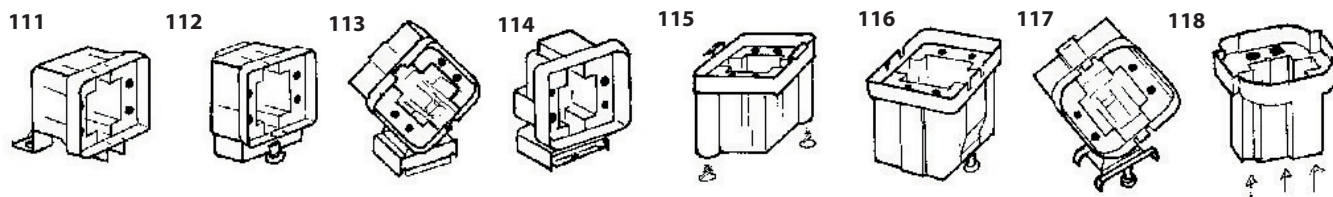


Applications:

- All lampholders shown are suitable for G24 & GX24 lamps except PA type.

Diagram	Part No.	Description	Order Code
104	ALH/G24D1/H	G24D1 10/13W Screw 24mm	-
104	ALH/G24D2/H	G24D2 18W Screw 24mm	2450004510
104	ALH/G24D3/H	G24D3 26W Screw 24mm	2450005165
105	ALH/G24D1/P	G24D1 10/13W Peg 20mm	-
105	ALH/G24D2/P	G24D2 18W Peg 20mm	-
105	ALH/G24D3/P	G24D3 26W Peg 20mm	-
106	ALH/G24D1/S	G24D1 10/13W Snap in Foot 20x10. Lamp Turned 45	-
106	ALH/G24D2/S	G24D2 18W Snap in Foot 20x10. Lamp Turned 45	-
106	ALH/G24D3/S	G24D3 26W Snap in Foot 20x10. Lamp Turned 45	2450006449
107	ALH/G24D1/LR	G24D1 10/13W Snap in Foot 20x10. Lamp Turned 90	-
107	ALH/G24D2/LR	G24D2 18W Snap in Foot 20x10. Lamp Turned 90	-
107	ALH/G24D3/LR	G24D3 26W Snap in Foot 20x10. Lamp Turned 90	-
108	ALH/G24D1/V	G24D1 10/13W Recessed Rear 34mm	2450007943
108	ALH/G24D2/V	G24D2 18W Recessed Rear 34mm	-
108	ALH/G24D3/V	G24D3 26W Recessed Rear 34mm	2450006450
109	ALH/G24D1/VP	G24D1 10/13W Peg 19.5mm	-
109	ALH/G24D2/VP	G24D2 18W Peg 19.5mm	-
109	ALH/G24D3/VP	G24D3 26W Peg 19.5mm	-
110	ALH/G24D1/PA	G24D1 10/13W Peg 19.5mm Lamp Turned 45	-
110	ALH/G24D2/PA	G24D2 18W Peg 19.5mm Lamp Turned 45	-
110	ALH/G24D3/PA	G24D3 26W Peg 19.5mm Lamp Turned 45	-

Compact Lamp Lampholders 4 Pin Cluster



Applications:

- All lampholders shown are suitable for G24 & GX24 lamps except PA type.

Diagram	Part No.	Description	Order Code
111	ALH/G24Q1/H	G24Q1 10/13W Screw 24mm	-
111	ALH/G24Q2/H	G24Q2 18W Screw 24mm	2450006869
111	ALH/G24Q3/H	G24Q3 26/32W Screw 24mm	-
111	ALH/G24Q4/H	G24Q4 42W Screw 24mm	-
111	ALH/G24Q5/H	G24Q5 57W Screw 24mm	-
111	ALH/G24Q6/H	G24Q6 70W Screw 24mm	-
112	ALH/G24Q1/P	G24Q1 10/13W Peg 19.5mm front & rear	-
112	ALH/G24Q2/P	G24Q2 18W Peg 19.5mm front & rear	-
112	ALH/G24Q3/P	G24Q3 26/32W Peg 19.5mm front & rear	-
112	ALH/G24Q4/P	G24Q4 42W Peg 19.5mm front & rear	-
112	ALH/G24Q5/P	G24Q5 57W Peg 19.5mm front & rear	-
112	ALH/G24Q6/P	G24Q6 70W Peg 19.5mm front & rear	-
113	ALH/G24Q1/S	G24q1 10/13W Snap In Foot 20 x 10 Hole, Lamp Turn 45	-
113	ALH/G24Q2/S	G24q2 18W Snap In Foot 20 x 10 Hole, Lamp Turn 45	-
113	ALH/G24Q3/S	G24q3 26/32W Snap In Foot 20 x 10 Hole, Lamp Turn 45	-
113	ALH/G24Q4/S	G24q4 42W Snap In Foot 20 x 10 Hole, Lamp Turn 45	-
113	ALH/G24Q5/S	G24q5 57W Snap In Foot 20 x 10 Hole, Lamp Turn 45	-
113	ALH/G24Q6/S	G24q6 70W Snap In Foot 20 x 10 Hole, Lamp Turn 45	-
114	ALH/G24Q1/LR	G24q1 10/13W Snap In Foot 20 x 10 Hole, Lamp Turn 90	-
114	ALH/G24Q2/LR	G24q2 18W Snap In Foot 20 x 10 Hole, Lamp Turn 90	2450007945
114	ALH/G24Q3/LR	G24q3 26/32W Snap In Foot 20 x 10 Hole, Lamp Turn 90	-
114	ALH/G24Q4/LR	G24q4 42W Snap In Foot 20 x 10 Hole, Lamp Turn 90	-
114	ALH/G24Q5/LR	G24q5 57W Snap In Foot 20 x 10 Hole, Lamp Turn 90	-
114	ALH/G24Q6/LR	G24q6 70W Snap In Foot 20 x 10 Hole, Lamp Turn 90	-
115	ALH/G24Q1/V	G24q1 10/13W Recessed/Rear 3.6 Hole @ 34mm	2450007944
115	ALH/G24Q2/V	G24q2 18W Recessed/Rear 3.6 Hole @ 34mm	2450005486
115	ALH/G24Q3/V	G24q3 26/32W Recessed/Rear 3.6 Hole @ 34mm	-
115	ALH/G24Q4/V	G24q4 42W Recessed/Rear 3.6 Hole @ 34mm	-
115	ALH/G24Q5/V	G24q5 57W Recessed/Rear 3.6 Hole @ 34mm	-
115	ALH/G24Q6/V	G24q6 70W Recessed/Rear 3.6 Hole @ 34mm	-
116	ALH/G24Q1/VP	G24Q1 10/13W Peg 19.5mm	-
116	ALH/G24Q2/VP	G24Q2 18W Peg 19.5mm	-
116	ALH/G24Q3/VP	G24Q3 26/32W Peg 19.5mm	-
116	ALH/G24Q4/VP	G24Q4 42W Peg 19.5mm	-
116	ALH/G24Q5/VP	G24Q5 57W Peg 19.5mm	-
116	ALH/G24Q6/VP	G24Q6 70W Peg 19.5mm	-
117	ALH/G24Q1/PA	G24Q1 10/13W Peg 19.5mm Lamp Turned 45	-
117	ALH/G24Q2/PA	G24Q2 18W Peg 19.5mm Lamp Turned 45	-
117	ALH/G24Q3/PA	G24Q3 26/32W Peg 19.5mm Lamp Turned 45	-
118	ALH/G24Q1/E	G24Q1 10/13W End Fix 3 x 3.2 Holes @ 9mm	-
118	ALH/G24Q2/E	G24Q2 18W End Fix 3 x 3.2 Holes @ 9mm	2450005542
118	ALH/G24Q3/E	G24Q3 26/32W End Fix 3 x 3.2 Holes @ 9mm	-
118	ALH/G24Q4/E	G24Q4 42W End Fix 3 x 3.2 Holes @ 9mm	-
118	ALH/G24Q5/E	G24Q5 57W End Fix 3 x 3.2 Holes @ 9mm	-
118	ALH/G24Q6/E	G24Q6 70W End Fix 3 x 3.2 Holes @ 9mm	-

Accessories & Lamp Holders

Compact Lamps Special Lampholders

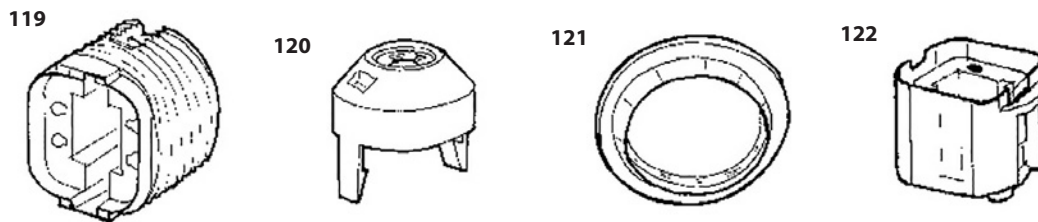
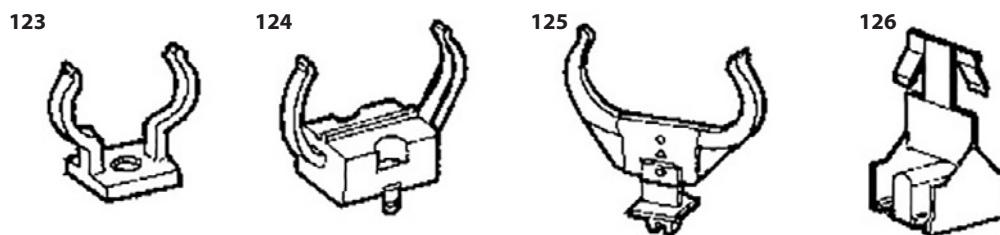


Diagram	Part No.	Description	Order Code
119	ALH/G24D1/B	G24d1 10/13W Screw Snap Cap External 40mm Threads	2450061834
119	ALH/G24D2/B	G24d2 18W Screw Snap Cap External 40mm Threads	2450061835
119	ALH/G24D3/B	G24d3 26/32W Screw Snap Cap External 40mm Threads	2450061836
119	ALH/G24Q1/B	G24q1 10/13W Screw Snap Cap External 40mm Threads	2450061837
119	ALH/G24Q2/B	G24q2 18W Screw Snap Cap External 40mm Threads	2450061838
119	ALH/G24Q3/B	G24q3 26/32W Screw Snap Cap External 40mm Threads	2450061839
119	ALH/G24Q4/B	G24q4 42W Screw Snap Cap External 40mm Threads	2450061833
120	ALH/PEN/M10	M10 Snap On Cap	2450061853
121	ALH/PEN/SR	M40 Shade Ring Narrow Flange Od 48mm	2450004742
121	ALH/PEN/SRB	M40 Shade Ring Narrow Flange Od 58mm	2450007955
122	ALH/G24Q1/R	G24q1 10/13W Screw Fixing Snap Cap 5 Fixing Holes	-
122	ALH/G24Q2/R	G24q2 18W Screw Fixing Snap Cap 5 Fixing Holes	-
122	ALH/G24Q3/R	G24q3 26/32W Screw Fixing Snap Cap 5 Fixing Holes	-
122	ALH/G24Q4/R	G24q4 42W Screw Fixing Snap Cap 5 Fixing Holes	2450061833
122	ALH/G24Q5/R	G24q5 57W Screw Fixing Snap Cap 5 Fixing Holes	-
122	ALH/G24Q6/R	G24q6 70W Screw Fixing Snap Cap 5 Fixing Holes	-

Lamp Support Clips G23/2G7/2G10

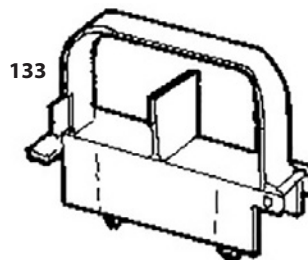
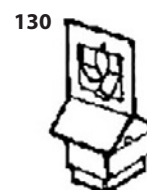
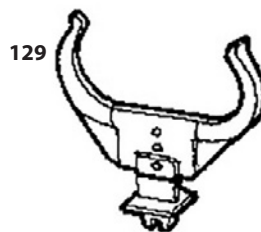
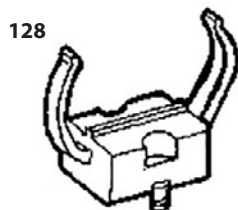
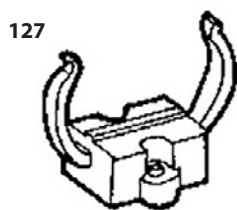


Applications:

- 2G7= 5/7/9/11W 4 pin lamps.

Diagram	Part No.	Description	Lamp Centre Height	Order Code
122	ALH/G23/SUP	Screw 24mm. Holes at rear of lampholder	17.5mm	-
124	ALH/G23/SUP/P	Screw 24mm. Holes at front of lampholder	17.5mm	2450005311
125	ALH/G23/SUP/S1	Self tap Rear	17.5/20.5/23.5mm	2450004739
126	ALH/2G10/SUP	Snap in foot 20x10mm hole	20mm	2450062994
126	ALH/2G10/SUP/P	2 pegs @ 20mm	20mm	2450062995

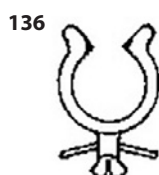
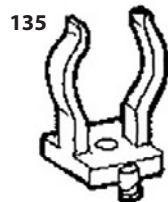
Lamp Support Clips 2G11 Lamp Cap TCL PLL Horizontal



Lamp Orientation

Diagram	Part No.	Description	Lamp Centre Height	Order Code
127	ALH/2G11/SUP/2H	Screw Fix	21.5mm	2450062998
128	ALH/2G11/SUP/P	Peg Fix	21.5mm	2450002148
129	ALH/2G11/SUP/S1	Snap in 5.5mm Hole	21/245/27mm	2450061842
129	ALH/2G11/SUP/S2	Snap in 5.5mm Hole	31/34/37mm	2450003561
130	ALH/2G11/SUP/MC	Snap in Metal Clip 10.5 x 8.5mm Hole	21.5mm	2450007938
130	ALH/2G11/SUP/MCP	Snap in Metal Clip 5.5mm Hole	21.5mm	2450005532
130	ALH/2G11/SUP/MCS	Snap in 2 Pegs Metal Clip 16mm	21.5mm	-
132	ALH/2G11/SUP/SIL	Snap in Metal Clip 10.5 x 8.5mm Hole	20mm	2450068497
131	ALH/2G11/SUP/S	Snap in 5.5mm Hole	21.5mm	2450004735
131	ALH/2G11/SUP/S24	Snap in 5.5mm Hole	24mm	-
133	ALH/2G11/SUP/L	Peg Fix @ 24mm	21mm	2450006944

Lamp Support Clips 2G11 Lamp Cap TCL PLL Vertical



Lamp Orientation

Applications:

- 2G7= 5/7/9/11W 4 pin lamps.

Diagram	Part No.	Description	Lamp Centre Height	Order Code
134	ALH/2G11/SUP/V	Screw 4.2mm hole	15mm	2450002427
135	ALH/2G11/SUP/VP	Peg2 holes @ 16mm	15mm	2450004736
136	ALH/2G11/SUP/VS	Snap in 5.5mm clear	15mm	2450003255
137	ALH/2G11/SUP/VS/WH	Snap in 5.5mm white	15.5mm	2450004471

Accessories & Lamp Holders

Linear Tungsten Halogen Lampholders

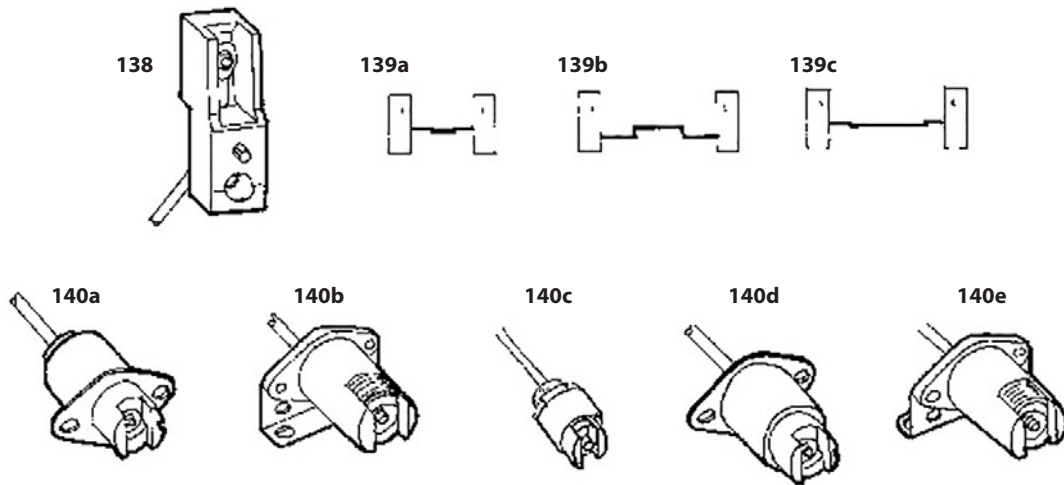


Diagram	Part No.	Description	Size of Tube	Order Code
138	ALH/R7	Single Lampholder	Max 500W 138.8 x 26.5 x 15mm	2450005559
139a	ALH/R7T	Centre Hole	150W 104 x 15 x 44.5mm	2450005561
139b	ALH/R7B	Centre Hole	500W 142.5 x 15 x 44.5mm	2450061852
139c	ALH/R7E	Centre Hole	500W 138 x 15 x 44.5mm	-
140a	ALH/R7F	Aluminium Body 24mm FC32mm	1500W 46 x 40 x 25mm	-
140b	ALH/R7R/50	Aluminium Body 24mm FC31mm	1500W 39.5 x 41 x 25mm	2450006707
140b	ALH/R7R/60	Aluminium Body 34mm FC28mm	1500W 33.5 x 35 x 20.5mm	2450061851
140c	ALH/R7/V5124	M14 Thread	8A 250V 25 x 19mm	2450005560
140d	ALH/R7R/BKT/F	Front Facing Bracket	1500W 35 x 36 x 26mm	-
140e	ALH/R7R/BKT/R	Front Facing Bracket	1500W 35 x 36 x 26mm	-

Linear Discharge Lampholders RX7S

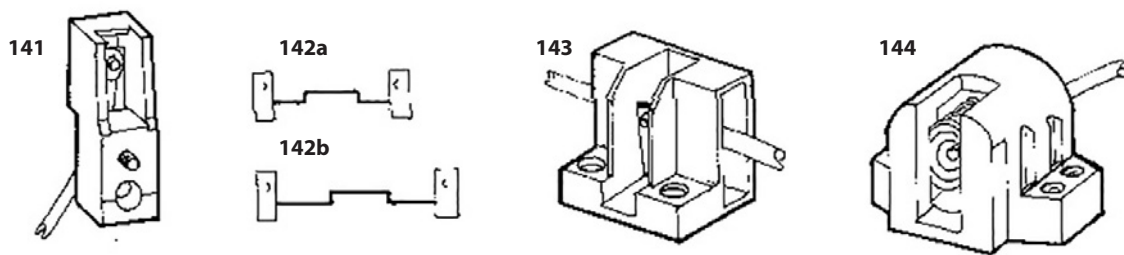


Diagram	Part No.	Description	Size of tube	Order Code
141	ALH/HQI/R721	Single Holder M3.5	4A 1000w 45 x 265 x 15	2450005555
142a	ALH/HQI/R7B7	M4 FC 64.5mm	70 MH 142 x 15 x 44	2450061852
142b	ALH/HQI/R7B15	M4 FC 64.5mm	150 MH 160 x 15 x 44	2450005556
143	ALH/HQI/R7LR	Left /Right Flex FC 24mm	70-150MH	2450004690
144	ALH/HQI/R7CER	4 Hole Fixing 35mm	70-400MH	2450061850

Discharge Lampholders GX10/FC2/G12/GX12-1

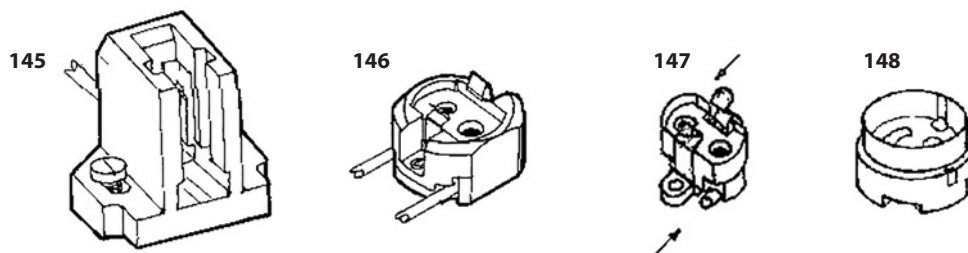


Diagram	Part No.	Description	Size of tube	Order Code
145	ALH/HQI/FC2	Captive M4 screw 32.5mm	26-1KW MH 38x48x45	2450063003
146	ALH/HQI/G12	Screw fix FC 30mm	35-150MH 36x41x23	2450063030
146	ALH/HQI/G12S	M4 thread 30mm	35-150MH 36x41x23	-
146	ALH/HQI/G12CS	Clear bush 30mm	35-150MH 36x41x22	2450004655
146	ALH/HQI/G12CS/M3	M3 thread 30mm	35-150MH 36x41x22	-
146	ALH/HQI/G12/959	Screw fix 30mm 500mm tails	35-150MH 36x41x22	2450005554
147	ALH/HQI/GX12-1	Screw fix 30mm No flex	50-100W 36x39x21	2450005577
147	ALH/HQI/G12PW	Screw fix 30mm No flex	35-150W 36x39x21	2450007953
147	ALH/HQI/GX12-1/S	Screw fix 30mm 200mm tails	50-100W 34x40x21	-
148	ALH/GX10	Screw fix 18mm No flex	20/35W	2450004741

Discharge Lampholders GX8.5

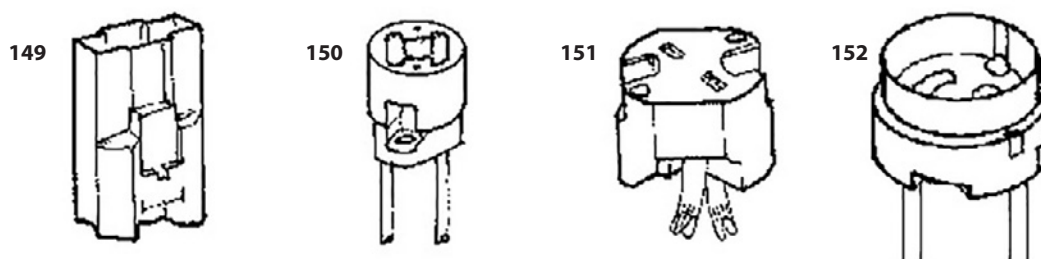


Diagram	Part No.	Description	Size of tube	Order Code
149	ALH/G8.5	Screw Fix 18mm No Flex	20-70W 30 x 19 x 14	-
150	ALH/G8.5/857	Screw Fix 14mm 600mm Tail	20-70W	-
151	ALH/G8.5/R	Screw Fix 14mm	20-70W	2450000667
152	ALH/GX8.5	Screw Fix. No Tails	35-70 CDM	-
152	ALH/GX8.5T	Screw Fix. 300mm Tails-Rear	35-7- CDM	-

Accessories & Lamp Holders

Discharge Lampholders PG12

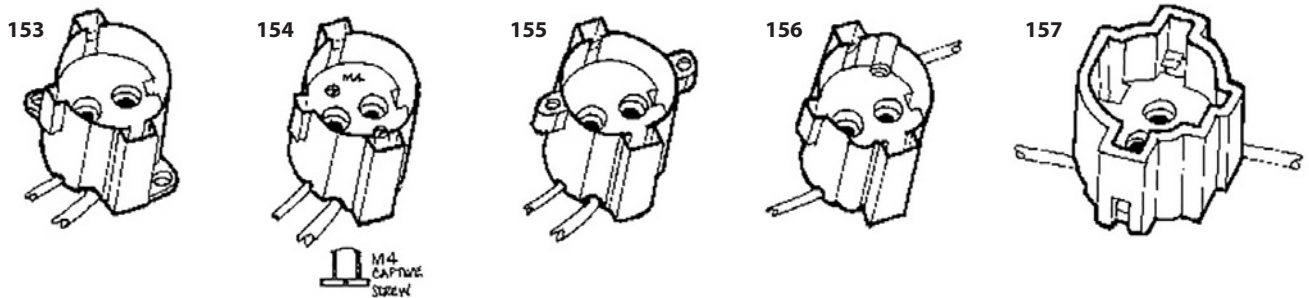


Diagram	Part No.	Description	Size of Tube	Order Code
153	ALH/PG12-1F	Screw Fix 42mm	35-100 HPS	2450005292
153	ALH/PG12-2F	Screw Fix 42mm	35-70 MH	-
153	ALH/PG12-3F	Screw Fix 42mm	50-80 SOD/XEN	-
154	ALH/PG12-1	M4 Captive Screws 18mm	35-100 HPS	2450063031
154	ALH/PG12-2	M4 Captive Screws 18mm	35-70 MH	-
154	ALH/PG12-3	M4 Captive Screws 18mm	50-80 SOD/XEN	-
155	ALH/PG12-1R	Fully Recessed 32mm Cutout FC40.5mm	35-100 HPS	-
155	ALH/PG12-2R	Fully Recessed 32mm Cutout FC40.5mm	35-70 MH	-
155	ALH/PG12-3R	Fully Recessed 32mm Cutout FC40.5mm	50-80 SOD/XEN	-
156	ALH/PG12-1S	Screw Fix 29mm	35-100 HPS	2450005558
156	ALH/PG12-2S	Screw Fix 29mm	35-70 MH	-
156	ALH/PG12-3S	Screw Fix 29mm	50-80 SOD/XEN	-
157	ALH/PGX12-1F	Screw Fix M4 @ 42 (External)		-
157	ALH/PGX12-2F	Screw Fix M3 @ 29 (Internal)	150/250W	-
157	ALH/PGX12-M3	M3 Fix @ 29 (Internal)	150W	-
157	ALH/PGX12-M4	M4 Fix @ 42 (External)	150/250w	-

Mains Voltage Lampholders 250V Rating G9

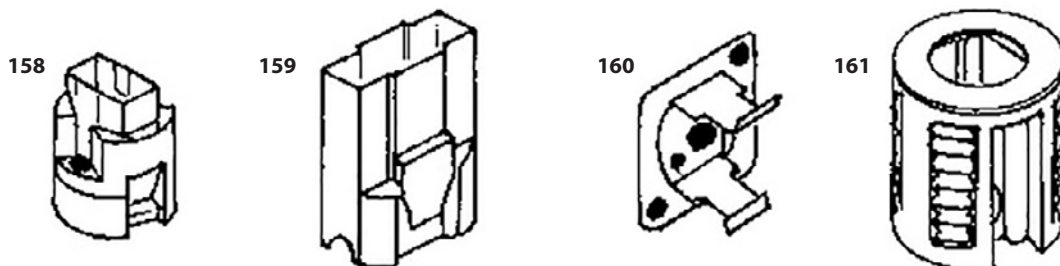
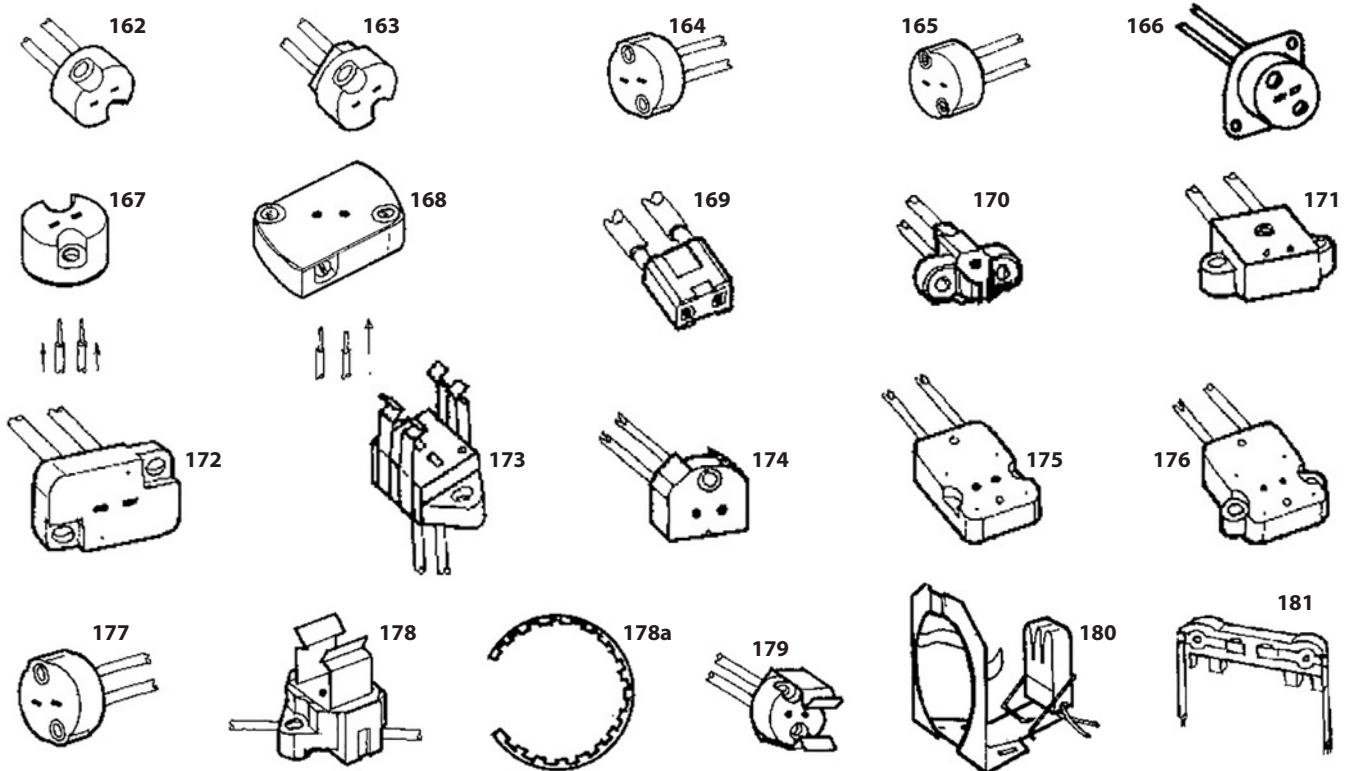


Diagram	Part No.	Description	Base	Order Code
158	ALH/G9	M3 thread @ 18mm & Snap Cap Pushwire	G9	2450001448
158	ALH/G9/R	3.3 hole @ 18mm also Snap Cap Pushwire	G9	-
as 158	ALH/G9/T	Pre-Flexed	G9	-
as 158	ALH/G9/R/T	Pre-Flexed	G9	2450007750
159	ALH/G9/27	Snap Cap or Base Clip	G9	-
160	ALH/G9/FL	26mm Fixing Centres	G9	2450005521
-	ALH/G9/SC	Snap Cap Accessory	G9	-
161	ALH/G9/40	Requires Snap Cap Pushwire	G9	-

Low Voltage Lampholders Multilamp Max 24V



Dia.	Part No.	Description	Size of tube	Base	Order Code
162	ALH/GXYZ/R	Screw Fix 18mm Flat Back. Tails 120mm		GZ4, G5.3, GX5.3, GX6.35, GY6.35	2450319141
163	ALH/GXYZ/R/RB	Screw Fix 18mm Raised Rear Section. Tails 120mm		GZ4, G5.3, GX5.3, GX6.35, GY6.35	-
164	ALH/GXYZ/R/BH	3.2mm Clear Bush Flat Back. Tails 120mm		GZ4, G5.3, GX5.3, GX6.35, GY6.35	2450061848
165	ALH/GXYZ/R/M3	3.2mm Bush Entry Flat Back. Tails 120mm		GZ4, G5.3, GX5.3, GX6.35, GY6.35	-
166	ALH/GXYZ/M218	3.2mm Holes @ 26 Mica Cover. Tails 120mm		GZ4, G5.3, GX5.3, GX6.35, GY6.35	2450008214
167	ALH/GX/456/PW	3.3mm Holes @ 12 Push Wire Terminals No Flex		GZ4, G5.3, GX5.3, GX6.35, GY6.35	2450003539
168	ALH/GX/874	3.3mm Holes @ 23 Screw Terminals No Flex		GX5.3, GY6.35	2450004962
168	ALH/GX/874/SK	M3 Thread @ 23 Screw Terminals No Flex		GX5.3, GY6.35	-
169	ALH/GZ4/214	Push on Only. 120mm Tails		G4, GY4	-
170	ALH/GZ4/215	2.3 Holes @ 12mm. 120mm Tails		G4, GY4	-
171	ALH/GZ4/216	3.5 Holes @ 20mm. 120mm Tails		G4, GX4, GZ4	2450005553
173	ALH/GX5.3C/50	3.5 Holes @ 20mm Replaces GI1228/1258.1493mm Tails		GU5.3	2450068474
174	ALH/GX5.3D	Single 3.3 Hole 120mm Tails		G5.3, GX5.3	-
175	ALH/GX5.3HN	Push On Only 120mm Tails		G5.3	2450007950
175	ALH/GX5.3HN/GU	Clip, Push On Only 120mm Tails		GU5.3	-
176	ALH/GX5.3H	3.2 Holes @ 19mm 120mm Tails		G5.3	-
176	ALH/GX5.3H/GU	Clip 3.2 Holes @ 19mm 120mm Tails		GU5.3	-
172	ALH/GX5.3HD	Diagonal Holes 3.5 @ 22mm 120mm Tails		G5.3, GX5.3, G6.35, GY6.35	2450000591
177	ALH/GX56/BH/22	3.4 Holes @ 12mm		GX5.3 GY6.35	2450005552
177	ALH/GX56/M3/22	M3 Holes @ 12mm		GX5.3 GY6.35	-
178	ALH/GU5.3C	3.7 Holes @ 20mm		GU5.3	2450006776
179	ALH/GU4C/R	2.8 Holes @ 11.2mm		GU4	2450005550
179	ALH/GU5.3C/R	2.8 Holes @ 11.2mm		GU5.3	2450061847
180	ALH/GX5.3/MFL	Metal Frame & Clip (LHS)		GX5.3	-
180	ALH/GX5.3/MFR	Metal Frame & Clip (RHS)		GX5.3	-
181	ALH/GY6.35/902	Slots @ 25mm		G6.35 GY6.35	-
178a	ALH/LV/RET	Retaining Clip	50mm dia		2450184896
178a	ALH/LV/RET35	Retaining Clip	35mm dia		2450004151
-	ALH/GU7/R	3.3 Holes @ 16mm		GU7	2450063912

Accessories & Lamp Holders

Mains Voltage Lampholders 250V Rating GU10, GZ10

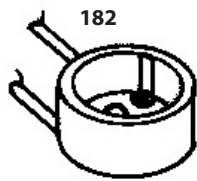


Diagram	Part No.	Description	Base	Order Code
182	ALH/GU10/R	3.2mm Holes @ 18mm also Snap Cap. 140mm Tails	GU10	2450064636
183	ALH/GU10/S	3.2mm Holes @ 18mm also Snap Cap	GU10	2450008843
182	ALH/GZ10/R	3.2mm Holes @ 18mm also Snap Cap. 140mm Tails	GU10, GZ10	-
183	ALH/GZ10/S	3.2mm Holes @ 18mm also Snap Cap	GU10, GZ10	-
-	ALH/GU10/TC	M10 Entry	Snap Cap	-
-	ALH/GU10/TC/SF	Screw Fix 3.2 Holes @ 18mm & 9mm	Snap Cap	-

Specialist Lampholders

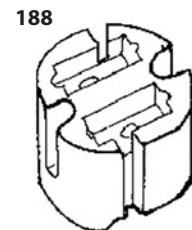
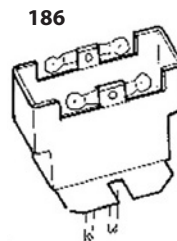
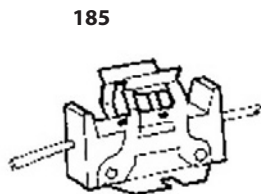
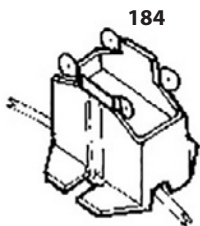
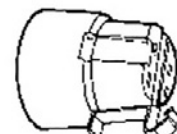


Diagram	Part No.	Description	Base	Order Code
184	ALH/GX9.5AL	Aluminium Body 4.2 Holes @ 36mm	GY9.5	2450006288
185	ALH/GX9.5C	Lever Attachment 3.5 Slots @ 23mm	GY9.5/GZ9.5	-
186	ALH/GY16	4.5 Slots @ 30-45mm	GY16	-
188	ALH/G22	5.2 Holes @ 37	G22	-
188	ALH/G22Y	5.2 Holes @ 37	GY22	-

Porcelain Lampholders SES, BC, ES



189

190

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Diagram	Part No.	Description	Base	Order Code
189	ALH/P/SES	2 Holes @ 12mm (Inside)	SES	2450063029
190	ALH/P/BC	2 Holes @ 12mm (Inside)	BC	2450063025
191	ALH/P/BC/SK	2 Holes @ 12mm (Inside)	BC	-
192	ALH/P/BC/F	2 Holes @ 39-42mm (Outside)	BC	2450063024
193	ALH/P/ES/SK	4.2 Holes @ 18 (Inside) Snap Cap	ES	2450061822
194	ALH/P/ES/F	45-59mm External Fixing	ES	2450063027
195	ALH/P/ES/CH	Clip into 10.2 x 7.2mm Hole	ES	2450008619
196	ALH/P/ES/CV	Clip into 39 x 35mm Hole	ES	2450004321

Porcelain Lampholders GES

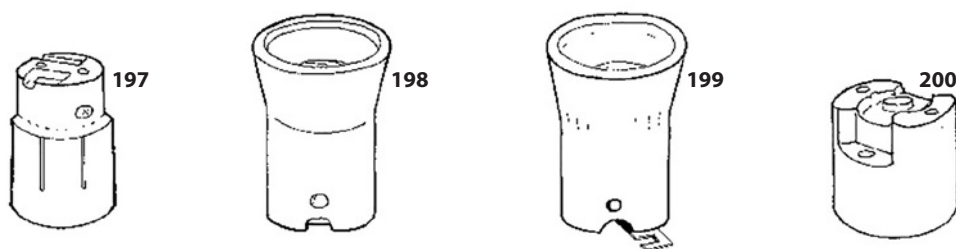
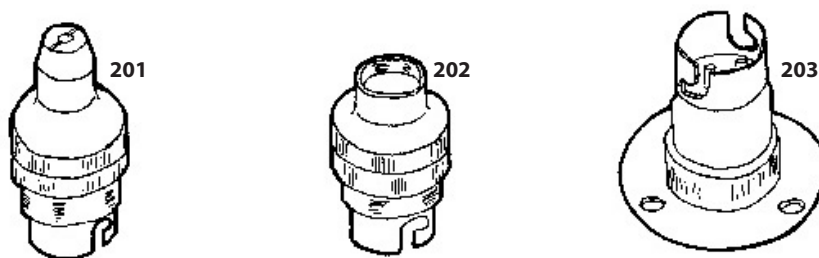


Diagram	Part No.	Description	Base	Order Code
197	ALH/P/GES	28-32mm (Inside)	GES	2450006562
198	ALH/P/GES/S	28-32mm (Inside)	GES	2450063028
198	ALH/P/GES/S95	28-32mm (Inside) Carrier Ring Live	GES	-
199	ALH/P/GES/S/BKT	56.5mm (on Bracket)	GES	2450061821
200	ALH/P/GES/403	51mm (inside) Carrier Ring Live	GES	2450005557

Brass Lampholders SBC/BC/3BC



Applications:

- Spare shade rings, reducing bushes, nipples and couplers are available on request.

Diagram	Part No.	Description	Base	Order Code
201	ALH/BP/SBC/CG	Pendant Cord Grip	SBC	2450001269
202	ALH/BP/SBC/10	10mm Conduit Entry	SBC	2450001270
202	ALH/BP/SBC/38	3/8 Conduit Entry	SBC	-
202	ALH/BP/SBC/05	1/2 Conduit Entry	SBC	2450001271
203	ALH/BP/SBC/BF	3 Hole Fixing Plate	SBC	2450004007
201	ALH/BP/BC/CG	Pendant Cord Grip	BC	2450001272
202	ALH/BP/BC/10	10mm Conduit Entry	BC	2450001273
202	ALH/BP/BC/13	13mm Conduit Entry	BC	2450007940
202	ALH/BP/BC/16	16mm Conduit Entry	BC	2450005536
202	ALH/BP/BC/20	20mm Conduit Entry	BC	2450004504
202	ALH/BP/BC/38	3/8 Conduit Entry	BC	2450005390
202	ALH/BP/BC/05	1/2 Conduit Entry	BC	2450001274
202	ALH/BP/BC/58	5/8 Conduit Entry	BC	-
203	ALH/BP/BC/BF	2 Hole Fix 50Mm	BC	2450004788
202	ALH/BP/3BC/10	10mm Conduit Entry	3BC	-
202	ALH/BP/3BC/13	13mm Conduit Entry	3BC	-
202	ALH/BP/3BC/05	1/2 Conduit Entry	3BC	2450002038
203	ALH/BP/3BC/BF	2 Hole Fix 50mm	3BC	-
202	ALH/BP/BC/10/SW	10mm Conduit Entry Switched	BC	2450003741
202	ALH/BP/BC/13/SW	13mm Conduit Entry Switched	BC	2450005535
202	ALH/BP/BC/05/SW	1/2 Conduit Entry Switched	BC	2450004320
203	ALH/BP/BC/CG/SW	Pendant Cord Grip Switched	BC	2450005538

Accessories & Lamp Holders

Brass Lampholders ES

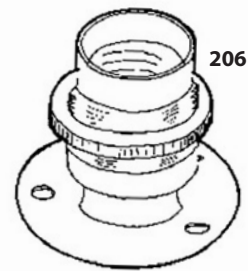
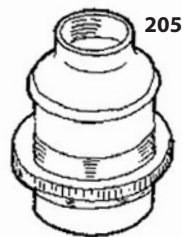
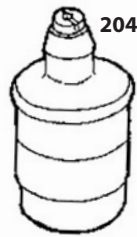


Diagram	Part No.	Description	Base	Order Code
204	ALH/BP/ES/CG	Pendant Cord Grip	ES	2450001275
205	ALH/BP/ES/10	10mm Conduit Entry	ES	2450001277
205	ALH/BP/ES/13	13mm Conduit Entry	ES	2450005539
205	ALH/BP/ES/16	16mm Conduit Entry	ES	-
205	ALH/BP/ES/20	20mm Conduit Entry	ES	2450007941
205	ALH/BP/ES/38	3/8 Conduit Entry	ES	-
205	ALH/ES/ES/05	1/2 Conduit Entry	ES	2450001275
205	ALH/BP/ES/58	5/8 Conduit Entry	ES	-
206	ALH/BP/ES/BF	2 Hole Fix 50mm	ES	2450004737

Plastic Lampholders SBC BC

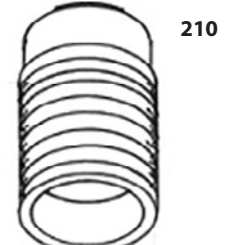
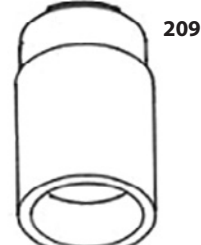
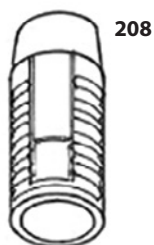
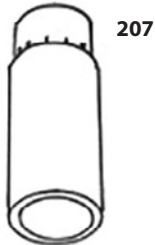


Diagram	Part No.	Description	Lenght	Width	Base	Order Code
207	ALH/PLA/SBC/PL/M10	M10 Entry. Plain. Black	63mm	33mm	SBC / BA15D	
208	ALH/PLA/SBC/TH/M10	M10 Entry. Threaded. Black	63mm	33mm	SBC / BA15D	
-	ALH/PLA/SBC/SR	Shade Ring	7mm	32mm	SBC / BA15D	
209	ALH/PLA/BC/M10/BLK	M10 Entry. Plain. Black	64mm	40mm	BC / B22D	
209	ALH/PLA/BC/M10/WH	M10 Entry. Plain. White	64mm	40mm	BC / B22D	
210	ALH/PLA/BC/TH/BLK	M10 Entry. Threaded. Black	64mm	40mm	BC / B22D	
210	ALH/PLA/BC/TH/WH	M10 Entry. Threaded. White	64mm	40mm	BC / B22D	
-	ALH/PLA/BC/SR	Shade Ring	8mm	46mm	BC / B22D	

Plastic Lampholders SES ES

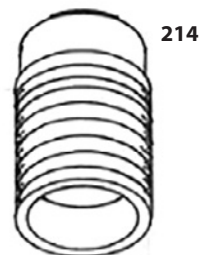
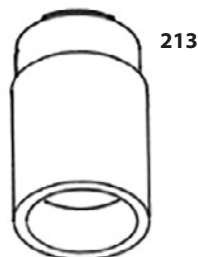
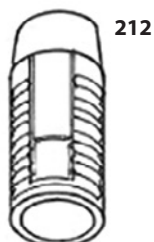
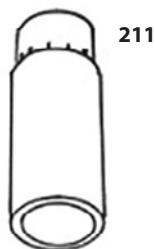


Diagram	Part No.	Description			Base	Order Code
211	ALH/PLA/E14/PL/M10	M10 Entry. Plain	52mm	27mm	SES / E14	
212	ALH/PLA/E14/TH/M10/1	M10 Entry. Threaded	52mm	27mm	SES / E14	
212	ALH/PLA/E14/TH/M10	M10 Snap Cap. Threaded. White	64mm	34mm	SES / E14	2450007957
212	ALH/PLA/E14/TH/M10/BLK	M10 Snap Cap. Threaded. Black	64mm	34mm	SES / E14	2450007958
-	ALH/PLA/E14/SR	Shade Ring	8mm	27mm	SES / E14	
213	ALH/PLA/ES/M10/BLK	M10 Entry. Plain. Black	54mm	40mm	ES / E27	2450000551
213	ALH/PLA/ES/M10/WH	M10 Entry. Plain. White	54mm	40mm	ES / E27	2450007960
214	ALH/PLA/ES/TH/BLK	M10 Entry. Threaded. Black	54mm	40mm	ES / E27	2450007959
214	ALH/PLA/ES/TH/WH	M10 Entry. Threaded. White	54mm	40mm	ES / E27	
-	ALH/PLA/ES/SR/BLK	Shade Ring. Black.	10mm	48mm	ES / E27	
-	ALH/PLA/ES/SR/WH	Shade Ring. White	10mm	48mm	ES / E27	

Adaptors

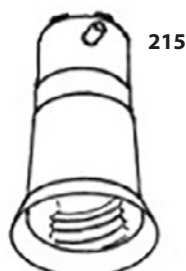


Diagram	Part No.	Description	Order Code
215	ALH/ADAP/BC-SBC	Converts Existing BC into SBC	
215	ALH/ADAP/BC-SES	Converts Existing BC into SES	
215	ALH/ADAP/ES-SES	Converts Existing ES into SES	
215	ALH/ADAP/GES-ES	Converts Existing GES into ES	2450006880
215	ALH/ADAP/SES-ES	Converts Existing SES into ES	
215	ALH/ADAP/BC-ES	Converts Existing BC into ES	2450007956
215	ALH/ADAP/ES-BC	Converts Existing ES into BC	

Accessories & Lamp Holders

Starter Switch Holders

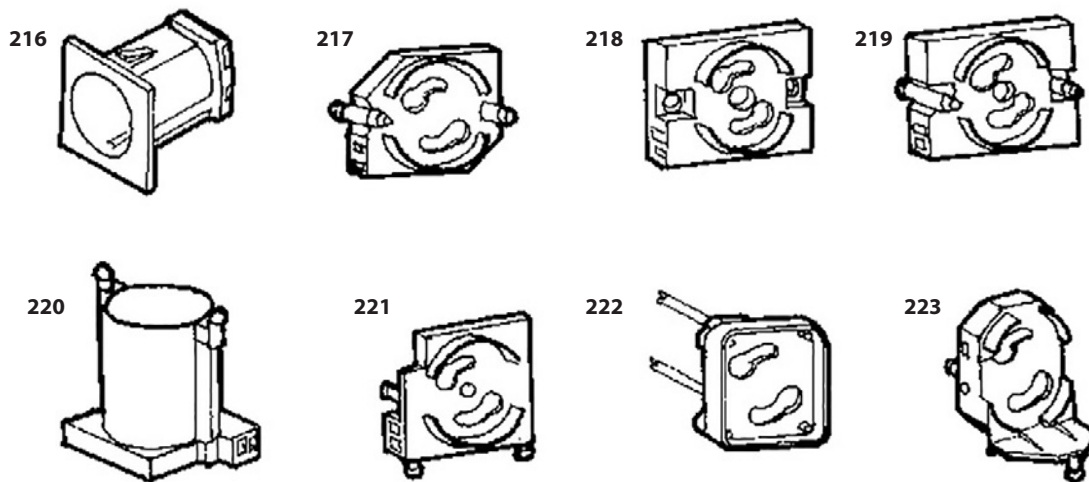
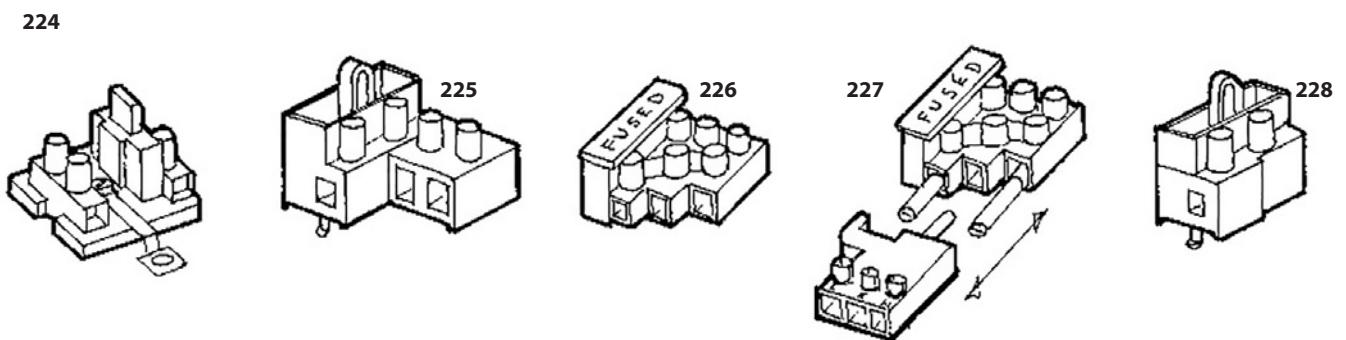


Diagram	Part No.	Description	Order Code
216	ASB3	Recessed Pushwire 28.7 x 23.5mm Hole	2450007904
216	ASB4	Recessed Pushwire 28.7 x 25.6mm Hole	2450007905
217	ASB5	Snap Fix Pushwire 31mm also 22.3 Hole	2450061831
218	ASB6	Screw Fix Pushwire 31mm also centre Hole	2450061832
219	ASB7	Snap Fix Pushwire 31mm also 22.3 Hole	-
220	ASB8	Reverse Fix Pushwire 31mm also 22.3 Hole	2450002428
221	ASB15	Snap Fix Pushwire 19mm Horizontal & Vertical	-
222	ASB19	Floating Pre Wired 300mm Tails	-
223	ASB21	Snap Fix Pushwire 19.5mm Horizontal & Vertical	2450004743
as 219	ASB24	Peg Fix Screw 31mm	-

Fuse Terminal Blocks



Applications:

- Fuse terminal blocks include the fuse carrier but no fuse.

Diagram	Part No.	Description	Order Code
224	AFTB2	Screw Fix, Screwed Input & Output 45mm 6A	2450005522
225	AFTB4	Peg Fix Screw Input Pushwire Output 26mm 13A	2450004732
226	AFTB5	Screw Fix Screw Input Pushwire Output 16mm 13A	2450004317
-	AFTB578	Clip in Screw Input Pushwire Output Single 13A Link Clips into AFTB4/5	2450004318
226	AFTB7	Screw Fix Screw Input Screw Output 16mm 13A	2450002133
227	AFTB8	Screw Body Screw Input Screw Output 16mm 13A	2450004764
227	AFTB8/PW/SC	Screw Body Screw Input Pushwire Output 16mm 13A	-
228	AFTB9	Peg Fix Screw Input Pushwire Output 30mm 13A	2450005093

Plugs & Shrouds

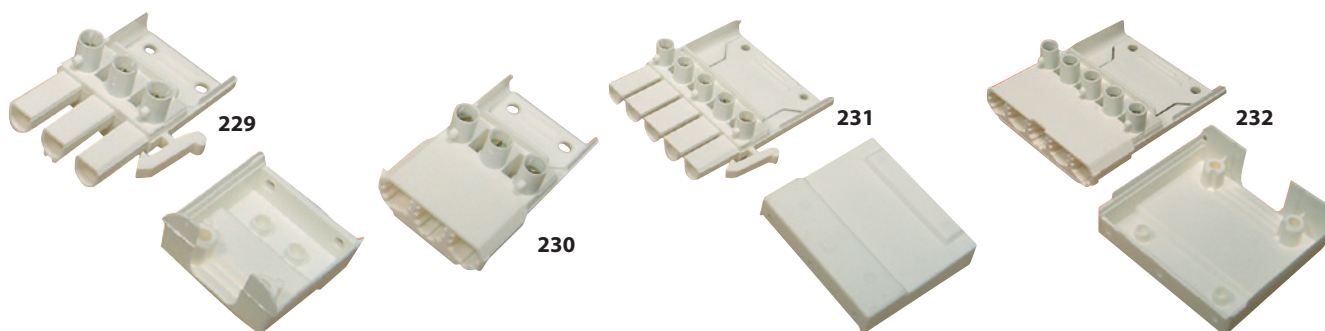


Diagram	Part No.	Description	Order Code
229	AL18.10W	3 Pole Plug	2450061843
230	AL18.20W	3 Pole Shroud	2450061844
231	AL17.10W	5 Pole Plug	2450061845
232	AL17.20W	5 Pole Shroud	2450061846

C08 Lighting Cable

Applications:

- Solid core lighting cable 0.8mm (0.5mm²).

Colour	Description	Order Code
White	Single Core White 300mm	2452025256
White	Single Core White 100m	2450002779
White	Twin Core White 100m	2450064097
Blue	Single Core Blue 100m	2452025252
Brown	Single Core Brown 100m	2452025251
Pink	Single Core Pink 100m	2452025253
Red	Single Core Red 100m	2452025254
Green/Yellow	Single Core Green/Yellow 100m	2452025255

Other Accessories



233



234

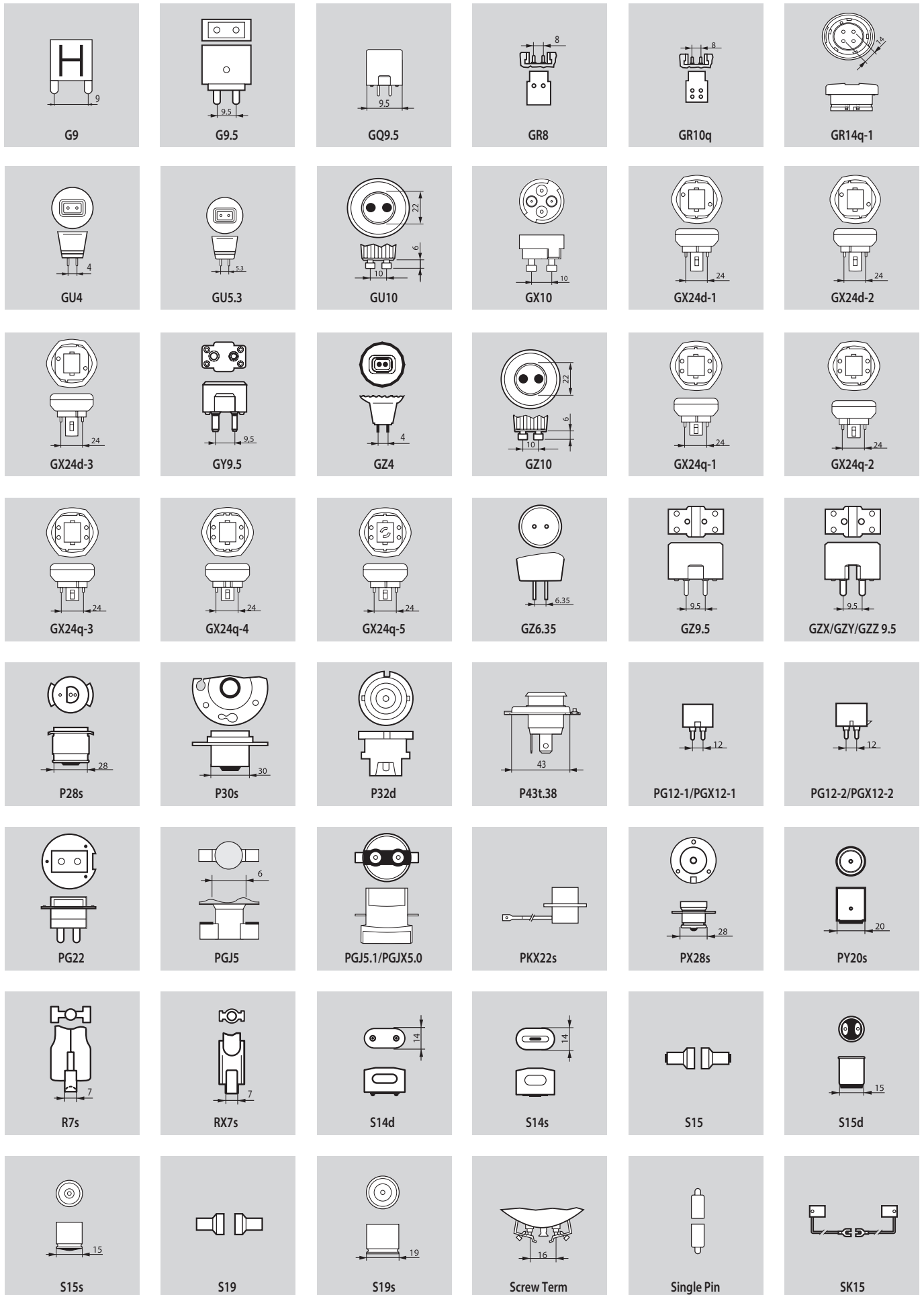


235

Diagram	Part No.	Description	Order Code
233	MLEXT	Miniature Lamp Extractor Kit	2450064730
234	OSPKIT	Photocell Kit	2450068496
235	1947/9025	Spare Key 2DFV/OBV	2450068542

Lamp Base Guide





110V GLS LED	18	CFL Combined Module	120	End Fix lampholders T5	138
111mm Aluminium Reflector G53	52	CFL High Frequency Non Dimmable Control Gear	110	End Fix Lampholders T8/T12	135
15W Coloured Pygmy Lamps 240V	44	Chandelier Candle 240V	46	Energy Efficient Halogen Incandescent	42
2D / TC-DD / PL-Q Lamps	60	Circular T5 Tubes 2GX13	67	Energy Saving Dichroics 50mm 12V	50
2D 2 Pin Lampholders GR8	139	Circular T9 Tubes G10q	66	Energy Saving Pulse Start Lamps	76
2D 4 Pin Lampholders GR10Q	140	Circular Tube Lampholders	139	Entertainment	53
2D 4 Pin Lampholders GRY10Q-3	140	Clear 45mm Golfball Low Voltage	47	ES111 LED	11
2D Anti Drug Lamps	60	Clear Filament LED	24	Festoon Lamps	96
2D Combined Module	119	Clear Filament Squirrel Cage Dimmable LED	23	Fireglow Lamps 240V	44
2D Lampholders for 2D Lamps with Integral Gear	140	Clear Flicker Candle Lamps 240V	46	Flasher (Amber) 26 x 46mm BA15S OSP	93
2D LED Lamp LED	14	Clear Pygmy Lamps	45	Flashing Beacons	99
2D Replacement LED	14	Clips and Brackets	134	Fluorescent Starters	114
2G11 - TCL/PLL Lampholders	142	Cocoons	72	Fog And Tail Lamps BAZ15D OSP	93
300W PAR56 Lamps 240V	48	Coloured Dichroics 12V	51	Fuse Terminal Blocks	154
35mm Candle 240V Tough	46	Coloured GLS Lamps 240V	43	G12 Quartz Metal Halide	78
35mm GU10 LED	8	Coloured Golfball 240V	43	G13 U Tube Lampholders	139
35mm Low Voltage Candle Lamps	46	Coloured Golfball 240V LED	23	G4 Capsules 12V LED	11
45mm Golfball 240V Tough	47	Coloured LED GLS	23	G9 Capsules 240V LED	11
50W Coloured GU10 Lamps 240v	53	Coloured LED GU10	23	G9 Eco Halogen Capsule 240V	42
80W Coloured PAR38 240V	44	Coloured LED PAR38	23	Gear Tray Mercury (C/W Lampholder)	127
A Class Projectors	54	Coloured Reflector Lamps 240V	44	Gear Tray SON/Metal Halide (C/W Lampholder)	126
Activa SAD Tubes T8	69	Coloured T8 - 26mm Diameter	68	Germicidal / TUV / UVC	71
Adaptors	153	Combined Circular T5 Module	119	Glassguard Blacklight BL350 Tubes	72
Airfield Lamps	53	Compact 4 Pin	141	Glassguard Meat Display	72
Aluminium Reflectors	52	Compact Lamp Lampholders 2 Pin Cluster	142	Glassguard T5 Tubes	71
Ansi Coded Projectors	54	Compact Lamp Lampholders 4 Pin Cluster	143	Glassguard T8 Tubes	71
Antique Filament	42	Compact Lamps Special Lampholders	144	Globe 11 x 23mm	89
AR111 LED	9	Compact PL Type 2 Pin	141	Globe 15 x 28mm	89
Architectural Lamps LED	21	Constant Colour Ceramic Metal Halide	80	Globe 18 x 28mm BA15S	89
Base Fix Lampholders T5	138	Constant Current Dimmable LED Drivers	104	Globe 18 x 35mm	89
Batteries C Cell	122	Constant Current LED Drivers	102	GLS Crown Brass/Silver LED	18
Batteries D Cell	121	Constant Voltage LED Drivers	102	GLS Daylight Craft Lamps 240V	45
Batteries D Cell	122	Constant Wattage Lamps	76	GLS Dimmable LED	19
Bells	100	Conversion Kit (Lamp & Ignitor) 70W	76	GLS Non Dimmable LED	18
Bi Pin Lamps	86	Cooker Hood Lamps	96	GLS Sensor LED	19
Black Backed Dichroics	51	Corn Lamps LED	16	Gold Tinted Filament LED	25 – 26
Blacklight BL350 / Actinic 05	70	Crown Silver Lamps 240V	45	Golfball (Clear) Dimmable LED	22
Blacklight Blue / Actinic 08	70	Daylight De Luxe T8	69	Golfball (Clear) Non Dimmable LED	22
Bluetooth Control Dimmable GLS LED	19	Daylight Graphica Pro T8	68	Golfball (Frosted) Dimmable LED	22
Brass Lampholders ES	152	Daylight T8	68	Golfball (Frosted) Non Dimmable LED	22
Brass Lampholders SBC/BC/3BC	151	Delux MBF	83	Grolux Tubes	69
Bright Stik LED	18	Discharge Lampholders GX10/FC2/G12/GX12-1	147	GU10 Dimmable LED	7
Britespot Ceramic Metal Halide	80	Discharge Lampholders GX8.5	147	GU10 Non Dimmable LED	6
Bus Lamps 38 x 56mm Pearl	95	Discharge Lampholders PG12	148	GX53 Disk 240V LED	12
Buzzers Industrial	100	Double Ended Metal Halide	78	Halogen Capsules	54
C08 Lighting Cable	155	Double Ended Son	82	Halogen Capsules 12V	49
Cable & Plug HQI-R	78	Dual Retrofit Lamps for Mercury & SON	77	Hard Glass Infrared	57
Candle (Clear) Dimmable LED	20	E12 Candelabra Lamps	92	Headlamp Halogen P43T Cap	95
Candle (Clear) Dimmable LED	20	Eco Linear Halogen R7s 240V	49	Headlamp Halogen P43T Cap	95
Candle (Clear) Non Dimmable LED	20	Electronic Ballasts For Ceramic Metal Halide	124	Headlamps 38 x 56mm BA15D	95
Candle (Clear) Non Dimmable LED	20	Electronic Standard Dimmable 12V	123	Headlamps 38 x 56mm BA15D	
Candle (Frosted) Dimmable LED	21	Electronic Starters	114	Double Filament (PCB)	94
Candle (Frosted) Non Dimmable LED	21	Electronic Transformer - Digital Dimming (DSI & DALI)	123	Headlamps 38 x 56mm BA15S	95
Capacitors: Compact Fluorescents	130	EM powerLED	115	Headlamps Halogen PK22S Cap	96
Capacitors: Fluorescents	130	EM powerLED Batteries	115	Headlamps Halogen PX26D (Complex Surface/Plastic)	95
Capacitors: Mercury	130	Emergency Lighting Accessories	122	High Frequency Compact Analogue Dimmable Control Gear	112
Capacitors: Metal Halide	130	Emergency Lighting Batteries NiMH	123	High Frequency Compact Digital Dimmable Control Gear	111
Capacitors: SON	130	Emergency Module Kit With Batteries	118	High Frequency for Circular Lamps Dimmable Control Gear	113
Capacitors: SOX	130	Emergency Module Only	117		
Central Battery System Invertors	120	Enclosed Gearbox SON/Metal Halide Gear	127		
Ceramic Halogen 240V	48				

High Frequency for Circular Lamps Non Dimmable Control Gear	112	MR11 12V Non Dimmable LED	8	T2 Tubes	65
High Output Elliptical SON Lamps	82	MR16 12V Dimmable LED	8	T4 Tubes - 12.7mm Diameter	65
High Output Tubular SON Lamps	82	MR16 12V Non Dimmable LED	8	T5 Coloured Tubes	66
High Performance Dichroic 35mm & 50mm 12V	51	Navigation Lamps	48	T5 Combined Module	118
High Wattage Double Ended Metal Halide	79	Neon Indicator Lamps	93	T5 Fluorescent Tube Replacement LED	12
High Wattage Single Ended Metal Halide	79	Occuswitch	30	T5 High Efficiency Tubes	65
Hooters Industrial	100	Opal Architectural Lamps 240V	47	T5 High Frequency Analogue Dimmable Control Gear	107
HPI Lamps	80	Opal Striplights LED	21	T5 High Frequency Digital Dimmable Control Gear	106
Indicator and Panel Lamps	94	Open Dichroics	50	T5 High Output	66
Industrial Accessories	39	Outdoor Ceramic White Light	81	T5 Miniature Tubes	67
Industrial LED Area Lights	37	Oven Lamps	96	T5 Non Dimmable Control Gear	105
Industrial LED ATEX Arealights	38	P Class Projectors	55	T5 Non Dimmable Control Gear	105
Industrial LED ATEX Bulkheads	39	Philips HF Matchbox Control Gear	113	T8 Combined Module	119
Industrial LED ATEX High Bays	37	PL Replacement LED	15	T8 Energy Efficient Tubes	70
Industrial LED ATEX Linear	38	PL-L Polar 4 Pin - 2G11	64	T8 Fluorescent Tube Replacement LED	13
Industrial LED Conveyor Lights	37	PL-L Replacement LED	15	T8 High Frequency Analogue Dimmable Control Gear	109
Industrial LED Floodlights	36	Plant Growth	79	T8 High Frequency Digital Dimmable Control Gear	109
Industrial LED High Bays	35	Plastic Lampholders SBC BC	152	T8 High Frequency Digital Dimmable Control Gear	109
Industrial LED Linear	36	Plastic Lampholders SES ES	153	T8 High Frequency Gear Trays	114
Infrared Catering Double Ended	59	Plugs & Shrouds	155	T8 High Frequency Non Dimmable Control Gear	108
Infrared Hard Glass Catering Reflectors	58	Porcelain Lampholders GES	151	T8 Longlife Tubes	69
Infrared Patio & Industrial - Clear & Reflected	59	Porcelain Lampholders SES, BC, ES	150	T8 Special Length Tubes	68
Infrared Ruby & Gold Patio	58	Pre Flexed and Push On Lampholders T5/T8/T12	134	Tachograph Indicator & Panel Lamps (PCB)	94
Iode Lamps	55	Pulse Start Energy Saving	124	TC-D / PL-C / BIA-X-D / DULUX D / LYNX D / 2pin G24D-1/2/3	61
JD Lamps 240V	48	Push through Lampholders T8/T12	136	TC-DE / PL-C / BIA-X-DE / DULUX DE / LYNX DE / 4pin G24Q-1/2/3	62
Kosnic Emergency Driver for 2D Lamps LED	14	Pygmy Lamps LED	11	TC-F / DULUX F / LYNX F / 4pin 2G10	63
Lamp Support Clips 2G11 Lamp Cap TCL PLL Horizontal	145	R7S Retrofit Lamps LED	12	TC-L / PL-L / BIA-X-L / DULUX L 4pin 2G11	64
Lamp Support Clips 2G11 Lamp Cap TCL PLL Vertical	145	Rear Lamps 10 x 28mm BA9S 12 Volt	93	TC-S / PL-S / BIA-X-S / DULUX S / LYNX S 2pin G23	60
Lamp Support Clips G23/2G7/2G10	144	Reflector Lamps 240V	46	TC-SE / PL-S / BIA-X-SE / DULUX SE / LYNX SE 4pin 2G7	61
LED 10 x 28mm	85	Reflector Lamps LED	10	TC-T / PL-T / BIA-X-T / DULUX T / LYNX T / 2pin GX24D-1/2/3	62
LED Beacons	98	Reflex Tubes	70	TC-TE / PL-T / BIA-X-TE / DULUX TE / LYNX TE / 4pin GX24Q-1/2/3/4/5	63
LED Ceiling Panels	28	Reptile Lamps	57	Telephone Lamps	92
LED Downlights	29	Rough Service GLS Lamps	45	Telewriter 6.6 x 35mm Clear E10	89
LED Floodlights	40	SDWT Control Gear	125	Tlx Monopin Tubes - 38mm Diameter	69
LED High Bay Module + Reflectors	40	SDWT Lamps	82	Torch Lamps	92
LED Linear	30	Sealed Lead Acid Batteries	132	Traffic	48
LED Non Corrosive	29	Side and Tail Lamps	94	Tridonic ADVANCED Series LED Drivers	103
LED Streetlights	40	Snap In Lampholders - Slot Fixing T8/T12	137	Tridonic Engine & Module	32
LED T1 . Midget Groove	86	Snap In Lampholders -2 Hole Fix T8/T12	137	Tubular 10 x 28mm BA9S	88
Linear Discharge Lampholders RX7S	146	SON / Metal Halide Igniters	128	Tubular 10 x 28mm E10	87
Linear Halogen R7s 110V	49	SON Retrofit Metal Halide	74 - 75	Tubular 13 x 30mm BA15D	90
Linear Halogen R7s 240V	49	SON/MH Ballasts	126	Tubular 15 x 35mm	91
Linear Tungsten Halogen Lampholders	146	SOX	83	Tubular 16 x 48mm	91
Long Neck GU10 LED	6	Sox Ballasts	127	Tubular 16 x 54mm	91
Low Voltage Emergency Kit	122	SOX Igniters	128	Tubular 9 x 23mm	90
Low Voltage Lampholders Multilamp Max 24V	149	Specialist Lampholders	150	Tubular BA7S Lamps	90
Mains Voltage Lampholders 250V Rating G9	148	Square Dichroic 50mm 12V	51	Tubular E5 Lamps	86
Mains Voltage Lampholders 250V Rating GU10, GZ10	150	Squirrel Cage	42	Tubular T8 - 525mm Length	67
Mains Voltage Par 240V	52	Standard Dichroic Closed	50	Uni-Form Pulse Start - High Performance	78
Master Colour Ceramic Metal Halide Light	81	Starter Switch Holders	154	Ventronic Dimmable HID Gear	125
MBF Mercury Lamps	83	Stop & Tail 26 x 46mm	94	Wedge Base Capless Lamps	86
Medical	53	Stop/Flasher Lamps 26 x 46mm	93	X80 Xenon Beacons	98
Megaman LED Driver	9	Striplights 240V	47	Xenon Beacons	99
Mercury Ballasts	127	Studio Lamps	55	Xenon EG30 17 x 30mm E10	93
Mercury Blended	83	Swimming Pool PAR56 12V	48	Xylux Emergency LED	32
Mercury Retrofit Metal Halide	77	Switch Start Compact Ballasts	114		
Motor Run Capacitors	132	Switch Start Linear 240/250V Control Gear	114		
Motor Start Capacitors	131	T Class Projectors	55		
		T1 . Midget Groove / Flange Lamps	87		
		T1 Sub-Midget Flange 3.17 x 9mm SX3S	86		
		T12 Standard Tubes	67		

Terms & Conditions

TERMS AND CONDITIONS OF SALE

The terms and conditions (including the definitions) set out in Part I below, apply to all contracts for the sale of Goods. The terms and conditions set out in Part II below apply only to contracts for the sale of Goods entered into via our website(s), in addition to those set out in Part I. The terms and conditions set out in Part III below apply only to contracts for the sale of Goods entered into other than via our website(s), in addition to those set out in Part I.

Rexel UK Limited and the expressions, "Rexel", "we" and "us" and "our" and "the Company" means Rexel UK Limited (Company Number 00434724) (VAT Number 614213680) whose registered office is at 5th Floor, Maple House, Mutton Lane, Potters Bar, Herts EN6 5BS
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PART I – TERMS AND CONDITIONS APPLICABLE TO ALL CONTRACTS

1 INTERPRETATION

- 1.1 In these Conditions the following words shall have the meanings set out below:
"Conditions" means the standard terms and conditions of supply of Goods set out in this document including the introduction.
"Contract" means a legally binding contract for the sale and supply of Goods and made in accordance with these Conditions.
"Goods" means the goods described in the Order.
"Intellectual Property Rights" means any patents, trade marks, service marks, registered designs, database rights, applications for any of the foregoing, copyright, unregistered design rights know how and any other similar protected rights in any other country.
"Local Trade Counter" means any of our Rexel UK branches in England, Scotland and Wales.
"Order" means an order placed by you for the purchase of Goods.
"Price" means the price of the Goods either advised to you or detailed in the confirmation email where the Order is placed via a Website.
"Working Day" means any day other than a Saturday and Sunday but excluding bank and public holidays in England.
"you" means the person, firm or company who purchases the Goods from us

- 1.2 Any references to any statute shall include references to that statute as modified or re-enacted from time to time

2 ACCEPTANCE OF OUR CONDITIONS

- 2.1 All orders for Goods supplied by us or any of our subsidiary companies as the case may be are subject to these Conditions and the placing of an Order by you will constitute acceptance of these Conditions. You may copy these Conditions and store them for your future reference.
- 2.2 We only supply Goods for purchase by adults and we do not sell to children.
- 2.3 Where there is a conflict between these Conditions and any additional terms and conditions, rules and instructions, these Conditions shall apply.

3 APPLICATION OF TERMS AND BASIS OF SUPPLY

- 3.1 Subject to any variation under Condition 3.3 of Part I, the Contract shall be on these Conditions to the exclusion of all other terms and conditions (including any terms or conditions which you purport to apply under any purchase order, confirmation of order, specification or other document).
- 3.2 No terms or conditions endorsed on, delivered with or contained in your purchase order, confirmation of order, specification or other document shall form part of the Contract simply as a result of such document being referred to in the Contract.
- 3.3 These Conditions apply to all our sales and any variations to these Conditions and any representations about the Goods shall have no effect unless expressly agreed in writing and signed by one of our directors, the identity of whom from time to time is available from Companies House.
- 3.4 You acknowledge that you have not relied on any statement, promise or representation made or given by or on behalf of the Company which is not set out in the Contract or in any confirmation email. Nothing in this Condition shall exclude or limit the Company's liability for fraud or fraudulent misrepresentation.
- 3.5 You shall ensure that the terms of your order and any applicable specification are complete and accurate.
- 3.6 All illustrations, descriptions, specifications, dimensions, weights and capacities listed on any Website, or in any catalogue, price list or other advertisement are intended merely to present a general idea of the Goods described and shall not form part of the Contract.
- 3.7 Any quotation is given on the basis that no Contract shall come into existence until we despatch an acknowledgement of order to you. We may withdraw any quotation at any time, even if the quotation is stated to be valid for a particular period, unless you make an offer within the stated validity period which has been accepted by us.

4 TRADE CREDIT ACCOUNTS

- 4.1 If you wish to open a trade credit account we will ask you to complete and sign an application for trade credit account form ("Application Form"). The proprietor(s), partner(s) or an authorised employee (if a limited company), must sign the Application Form. Until an Application Form has been received and a trade credit account approved (in writing) by us, Orders will not be accepted onto the trade credit account until cleared funds have been received. We will treat having received payment by credit card as us having received cleared funds. We reserve the right, in our absolute discretion, to grant, refuse, or discontinue any credit facilities or reduce or suspend any credit limit at any time and demand immediate payment of all monies outstanding.
- 4.2 Unless otherwise agreed by us in writing, sums due on a trade credit account are payable by the last Working Day of the month following the month in which delivery of the Goods takes place. If you exceed any agreed credit limit, we may demand immediate payment of all amounts outstanding from you to us on any account.

5 VARIATION OF GOODS

We reserve the right in our absolute discretion to make any changes to the Goods which do not in our opinion materially affect the quality or nature of the Goods.

6 PRICE AND PAYMENT

- 6.1 The prices displayed on the Website and in any catalogue or price list are in pounds sterling (unless otherwise stated) and are exclusive of VAT and other similar sales taxes and do not include packaging and delivery charges. These will be added to the total amount payable by you and will be shown when you make an Order.
 - 6.2 Where Goods are specially ordered from manufacturers, and a carriage charge is made by such manufacturers, we reserve the right to recover this charge from you in addition to any other charges. You will also pay any additional charges incurred as a result of delivery by any particular method you may request (but we shall be under no obligation to comply with any such request).
 - 6.3 We reserve the right to levy a handling charge on any orders, the total invoice price of which (excluding VAT) is less than our small order value from time to time. Details of our small order value are available from your Local Trade Counter from time to time.
 - 6.4 We may request a sum to be paid in advance. Any advance payment made by you at our request shall be held by us as a deposit and not as a part payment. Any deposit is non-refundable in the event of you cancelling the Order, or us cancelling the Order as a result of your default.
 - 6.5 Time for payment shall be of the essence.
 - 6.6 No payment shall be deemed to have been received until we have received cleared funds.
 - 6.7 All payments payable by you under the Contract shall become due and payable immediately on its termination, despite any other provision.
 - 6.8 You shall make all payments due under the Contract or otherwise in full without any deduction by way of set-off, counterclaim, discount, abatement or otherwise unless you have a valid court order requiring an amount equal to such deduction to be paid by you to us.
 - 6.9 If you fail to pay us any sum due pursuant to the Contract, you will be liable to pay interest to us on such sum from the due date for payment and we, at our discretion, shall be entitled to either, at our discretion:
 - (a) exercise our statutory right to claim interest under the Late Payment of Commercial Debts (Interest) Act 1998; or
 - (b) charge you interest on such sum from the due date for payment at the annual rate of 4% above the base rate of Barclays Bank plc from time to time accruing on a daily basis and compounded monthly until payment is made, whether before or after any judgment.We may exercise this right in addition to any other rights we may have.
 - 6.10 In the event of termination, variation or suspension of a Contract on your instruction or by lack of instruction, the Price will be adjusted to reflect the additional costs incurred by us. Where a Price per unit has been quoted and you require a smaller number of units to be delivered than those quoted for, we reserve the right to adjust the Price per unit applicable.
- ## 7 DELIVERY & RISK
- 7.1 We shall only deliver Goods to an address in mainland England, Scotland or Wales. You shall provide a delivery address within mainland England, Scotland or Wales or another address we may agree in writing.
 - 7.2 We will advise you of any applicable delivery charge.
 - 7.3 We will deliver the Goods to the address specified by you in your Order unless we have agreed to make them available for collection from a Local Trade Counter.
 - 7.4 If you fail to take delivery of the Goods on the date notified to you by us, or fail to provide any instructions or authorisations required to enable Goods to be delivered on time, the Goods will be deemed to have been delivered, and risk in the Goods will pass to you on the delivery date and (without prejudice to any other rights we may have) we may:
 - (a) store the Goods until actual delivery or sale and charge you for all related costs and expenses (including, without limitation, transportation, handling, storage and insurance); and/or

- (b) charge you any increase in the Company's list price for the Goods between the deemed delivery date and the date on which you take physical delivery of the Goods; and/or
- (c) following written notice to you, sell any of the Goods at the best price reasonably obtainable in the circumstances and charge you for any shortfall below the price agreed with you in addition to being entitled to recover the costs of the sale and the costs described in Condition 7.4 (a) of Part I.
- 7.5 We will endeavour to deliver the Goods to you in accordance with any despatch date notified to you, or, if none is specified, within seven (7) Working Days of you placing the Order with us or such alternative later date specified by you in your Order but you acknowledge that it may not always be possible to deliver the Goods within this timeframe and you agree that delivery of the Goods may take longer. Any dates or times for delivery of the Goods quoted by us are estimates only. We shall not be liable if the Goods are not delivered within seven (7) Working Days or for any failure to meet any estimated delivery date or for any costs, charges, liquidated damages or other penalties incurred by you or expenses incurred as a result of any delay. You will not be entitled to refuse to accept any Goods or to cancel the Contract with us merely because of such failure unless any delay exceeds 180 days.
- 7.6 We shall be entitled to deliver in instalments. Where the Contract is to be or may be fulfilled in separate instalments, deliveries or parts, payment for each such instalment delivery or part will be made as if the same constituted a separate contract. Failure by you to pay for an instalment in accordance with this Condition will entitle us without prejudice to our other rights and remedies to suspend further deliveries of goods under any other contract we have with you, pending payment by you.
- 7.7 Failure by us to deliver any one or more (but not all) instalments in accordance with these Conditions will not entitle you to treat the Contract as repudiated.
- 7.8 Risk of damage to or loss of the Goods shall pass to you:
- (a) in the case of Goods to be collected from your Local Trade Counter, at the time when we notify you that the Goods are available for collection; or
- (b) at the time of us handing the Goods to a third party if you arrange for the Goods to be collected by a third party carrier; or
- (c) at the time the Goods are unloaded by our carrier or agent where transportation is arranged by us.
- 7.9 Whether we or you arrange for the goods to be transported, the carrier shall be deemed to be your agent except for the purposes of sections 44, 45 and 46 of the Sales of Goods Act 1979.
- 7.10 Subject to Condition 12 of Part I, we shall not replace any lost or damaged Goods after delivery.
- 8 PACKAGING**
- 8.1 The manner of packing and transportation of the Goods shall be at our discretion. No liability shall be accepted for failure to pack to any particular standard, or against any particular risk unless the requirement for such packing is specifically brought to our attention, accepted in writing by us and paid for by you.
- 8.2 We may impose additional charges in respect of packaging we use for transportation and delivery of the Goods. Any such charges will be added to the Order and will be shown when you make an Order. For the avoidance of doubt, you agree that such additional charges will be levied in respect of Goods which are despatched in crates, drums, cases, pallets or other similar packaging and may be levied at our discretion in the case of any other packaging. We shall also make a charge for carrier bags issued as required by applicable legislation.
- 8.3 Where we charge for packaging pursuant to Condition 8.2 of Part I, unless otherwise specified by us, you will be entitled to a full credit for such additional charges, to be credited against subsequent invoices, so long as such packaging is returned undamaged to us carriage paid within 14 days of the date of the delivery of the Goods.
- 9 RETENTION OF TITLE**
- 9.1 Ownership of the Goods will not pass to you until we have received in full (in cash or cleared funds) all sums due to us in respect of the Goods and all other sums which are or which become due to us from you on any account.
- 9.2 Until ownership of the Goods has passed to you, you must:
- (a) hold the Goods on a fiduciary basis as our bailee;
- (b) store the Goods (at your own cost) separately from all other goods owned by you or any third party so that they are identifiable as our property and clearly labelled as such;
- (c) not destroy, deface or obscure any identifying mark or packaging on or relating to the Goods;
- (d) maintain the Goods in satisfactory condition insured on our behalf for their full Price against all risks without any deductible to our reasonable satisfaction. On request you will produce evidence of the policy of insurance to us;
- (e) hold any proceeds of such insurance on trust for us separately from any other money, and not pay the proceeds into an overdrawn bank account or allow any such bank account to become overdrawn; and
- (f) allow us access at any reasonable time to enable us to inspect the Goods and verify that you have complied with your obligations under this Condition 9.2 of Part I.
- 9.3 You may resell the Goods before ownership has passed to you provided such sale is:
- (a) in the ordinary course of your business at full market value and you will account to us accordingly; and
- (b) on your own behalf and you deal as principal when making such sale.
- 9.4 If we cannot determine which goods are the Goods, you will be deemed to have sold all Goods sold by us to you in the order in which they were invoiced to you.
- 9.5 We will be entitled to recover payment for the Goods notwithstanding that ownership of any Goods has not passed from us.
- 9.6 We may while we are the owner of the Goods (and without prejudice to any other rights we may have under these Conditions) demand the immediate return of the Goods at any time and you will forthwith comply with such demand and bear the expenses for such return.
- 9.7 If you fail to return the Goods in accordance with Condition 9.6 of Part I, you will be deemed to grant to us (or our successors in title for the Goods) and our respective employees and agents an irrevocable license to enter onto any premises where the Goods are or may be situated for the purpose of removing the Goods (the cost of doing so shall be borne by you) and to sell or otherwise deal with such Goods.
- 10 DUPLICATION OF ORDERS**
- Where Orders are sent by post, fax, email or submitted via a Website in confirmation of a telephone order, you must ensure that they are clearly marked as such, failing which any such confirmation will be treated as a separate Order and you will be obliged to pay for the Goods ordered by each means.
- 11 QUALITY**
- 11.1 You acknowledge that we are not the manufacturer of the Goods. Consequently, subject to Condition 14 of Part I, we will in the event of a Goods quality issue only apply our reasonable endeavours to:
- (a) transfer to you the benefit of any warranty or guarantee given to us in respect of the Goods, if requested by you, at your expense; or
- (b) make and pursue any available claim under the terms of any warranty or guarantee as mentioned in Condition 11.1(a) of Part I, subject to you paying all costs and expenses incurred on an indemnity basis in advance of them being incurred, and providing us with such security as we may in our absolute discretion require in respect of the defendant's costs that may become payable should we lose any dispute. In the event of a claim being made, we will promptly account to you (to the extent of your claim and subject to the deduction of an amount equal to any costs incurred in making and pursuing such claim which you have not already paid) for any proceeds resulting to you.
- 11.2 The Goods are not sold by description or sample.
- 12 DAMAGE IN TRANSIT AND SHORTAGES**
- 12.1 The quantity of any consignment of Goods as recorded by us upon despatch from our place of business shall be conclusive evidence of the quantity received by you on delivery, unless you can provide conclusive evidence to the contrary.
- 12.2 We will not have any liability for short delivery, loss or damage to Goods occurring prior to delivery or for non-delivery (even if caused by our negligence) unless claims to that effect are notified to us and our designated carriers within 3 working days of delivery (in the case of damage or short delivery) or within 24 hours of our invoice or advice note (in the case of non-delivery). Goods received in a damaged or unsatisfactory condition must be signed for as such and the packaging and contents must be retained for inspection, failure to do so will invalidate any claim.
- 12.3 Subject to Condition 12.2 of Part I and only as far as the law permits our total liability for short delivery, loss or damage to the Goods prior to delivery, or non-delivery of the Goods, shall be limited to (in each case at our discretion) repairing or replacing free of charge Goods within a reasonable time, or refunding the Price at the pro rata Contract rate.
- 13 RETURNS**
- 13.1 Goods correctly supplied may not be returned without our written agreement.
- 13.2 If Goods have been supplied other than in accordance with these Conditions, they must be rejected within 3 days of delivery (or deemed delivery), otherwise they will be deemed to have been accepted and have been supplied in accordance with these Conditions.
- 13.3 Goods returned must be unused and undamaged together with any accessories or items that have been provided free of charge by us, consigned carriage paid or (if, and only if collected from your Local Trade Counter) returned in person to the same Local Trade Counter, in each case, accompanied by a packing note stating the Company's invoice number and date thereof together for the reason for return.
- 13.4 If returned Goods had been correctly supplied then Goods may only be returned at the sole discretion and with the prior consent of the Company. The Company may impose a restocking charge. You agree to pay this charge in accordance with our invoice for it immediately on demand. We may decide whether to issue a Credit Note or refund, in our absolute discretion.
- 13.5 If you paid for the Goods by UK credit card or debit card, and a refund is due as a result of the Goods being rejected in accordance with Condition 13.2 of Part I, we shall make a refund to the same UK credit card or debit card used for payment so please ensure that you bring the credit card or debit card with you when you return the Goods to the Local Trade Counter from which you collected the Goods.

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- 13.6 If returned Goods (or any of them) are dispatched and subsequently lost in transit the Company will not issue a credit note or refund (where one is due) unless and until the returned Goods arrive at the Company's premises.
- 14 LIMITATION OF LIABILITY**
- 14.1 Nothing in these terms and conditions excludes or limits our liability:
- for death or personal injury caused by our negligence; or
 - for fraud or fraudulent misrepresentation; or
 - in respect of any breach of the warranty as to title implied by section 12 of the Sale of Goods Act 1979; or
 - under section 2 Consumer Protection Act 1987 to the extent that liability cannot be lawfully excluded under section 7 of the same Act; or
 - any other liability that cannot be lawfully excluded.
- 14.2 By ordering the Goods, you acknowledge that we are not the manufacturer of the Goods and it is therefore reasonable for us to limit our liability to you as set out herein.
- 14.3 All warranties, conditions and other terms implied by statute or common law (save for the condition implied by section 12 of the Sale of Goods Act 1979) are, to the fullest extent permitted by law, excluded from the Contract.
- 14.4 Subject to Condition 14.1 of Part I:
- our total liability in contract, tort (including negligence or breach of statutory duty) misrepresentation, restitution or otherwise, arising in connection with the Contract will be limited to and shall not exceed (in respect of liability associated with defective Goods (if any), and subject to Condition 14.1 of Part I), the Price paid for the Goods; and
 - we will not be liable to you for loss of use, loss of profit or anticipated profit, loss of business, loss of contracts, loss of overhead recovery, additional machining costs, loss of revenue or anticipated savings, any damage to your reputation or depletion of goodwill, any product recall or business interruption costs or any special, indirect or consequential loss or damage (even if we have been advised of such loss or damage) whatsoever and howsoever caused arising out of or in connection with the Contract.
- 14.5 The provisions of this Condition 14 of Part I shall survive the termination or expiry (for whatever reason) of the Contract.
- 15 INTELLECTUAL PROPERTY RIGHTS**
- 15.1 All Intellectual Property Rights relating to the Goods shall at all times be vested in and remain owned by us or our third party licensors.
- 15.2 You shall not use our name, logo or any other identification marks for the purpose of advertising or publicity without our prior written consent.
- 16 TERMINATION**
- 16.1 Either we or you may, without prejudice to any rights or remedies that we or you may have against the other party, terminate our obligations under a Contract with immediate effect or (in our case) suspend future deliveries if on giving the other party written notice the other fails to comply with any material obligation hereunder and such failure has not been remedied within ten (10) days of written notification from the party requiring remedy.
- 16.2 We may terminate our obligations under a Contract immediately if:
- you fail to furnish us with any information or instructions required by us to fulfil any Order; or
 - you enter into any compromise or arrangement with your creditors, or if an order is made or an effective resolution is passed for your winding up (except for the purposes of amalgamation or reconstruction as a solvent company) or if a petition is presented to court, or if a receiver, manager, administrative receiver or administrator is appointed in respect of the whole or any part of your undertaking or assets; or
 - you cease or threaten to cease to carry on your business; or
 - you are made bankrupt; or
 - you breach Condition 23.7 of these Conditions.
- 16.3 All outstanding sums shall be due immediately if the Contract is terminated by us for any reason detailed in this Condition 16 of Part I.
- 16.4 Any terms and conditions which impliedly have effect after termination or expiry will continue to be enforceable notwithstanding termination or expiry.
- 17 THIRD PARTY CLAIMS AND INDEMNITY**
- 17.1 You shall indemnify and keep us indemnified from and against any liability, penalty, costs, claims, damages, loss and/or expense incurred or suffered, whether or not foreseeable and howsoever arising:
- As a result of incorporating property in the Goods; or applying any patent, registered or unregistered design, copyright, trademark, trade name or design to the Goods; in each case on your instructions, suggestions or specifications, or complying with any other instruction of yours relative to the Goods; and/or
 - In relation to any third party claims arising out from the use, installation, or dealing by you in the Goods (irrespective of whether or not they involve our negligence), except as a result of our fraud or wilful default; and/or
 - As a result of your negligence, default or breach in respect of this or any other contract you may have with us.
- 17.2 You shall notify us forthwith of any claim made or action brought or threatened alleging infringement of the rights of any third party. We shall have sole conduct of any proceedings or claim. You shall provide us with all assistance in connection therewith as we shall request.
- 18 CANCELLATION OF AN ORDER**
- We reserve the right to refuse to accept any cancellation of an Order. In the event of any cancellation or other default by you, you must pay all costs, losses and expenses incurred by us prior to the date of cancellation, and you will indemnify us in respect of any third party claims arising directly or indirectly out of any such cancellation.
- 19 CERTIFICATION**
- If you require Goods from a quality assured source or certificates of conformity beyond legislative requirements you must specify your requirements in writing at the time of placing the Order.
- 20 SAMPLES**
- 20.1 Any samples provided to you at your request must be returned to us in good condition within ninety (90) days of receipt or such shorter period as we may specify. We may charge the market value of all samples not so returned. Such market value will be the market value on the date when the sample was due to be returned.
- 20.2 Samples provided by us shall be subject to these Conditions together with any applicable additional terms and conditions, rules and instructions.
- 20.3 Goods are not sold by sample or description.
- 21 EVENTS OUTSIDE OUR CONTROL**
- We shall not be liable to you or be deemed to be in breach of any Contract by reason of any delay in performing, or any failure to perform, any of our obligations in relation to the Contract if the delay or failure was due to any events outside of our reasonable control including without limitation a technical failure of the Internet, act of God, explosion, flood, fire, epidemic, accident, war, terrorism, sabotage, insurrection, civil disturbance, prohibitions or measures of any kind on the part of any governmental, parliamentary or local authority, import or export regulations or embargoes, industrial actions or trade disputes (whether involving our employees or those of a third party), inability to obtain or delay in obtaining supplies of adequate or suitable material, fuel, parts, machinery or labour.
- 22 CONFIDENTIALITY**
- You will keep the terms on which you buy Goods from us confidential and will not disclose such information to anyone other than your officers and employees who need to know the same, or as required by any order of a court or the rules of a regulatory authority.
- 23 GENERAL**
- 23.1 We may assign (or hold on trust) the Contract or any part of it to any person, firm or Company. We may subcontract the performance of some or all of our obligations under the Contract.
- 23.2 You may not assign or hold on trust the Contract or any part of it.
- 23.3 No waiver by us of any breach of any Contract or these Conditions by you shall be considered as a waiver of any subsequent breach of the same or any other provision.
- 23.4 An entity which is not expressly a party to the Contract has no right under the Contracts (Rights of Third Parties) Act 1999 to enforce any term of the Contract or these Conditions.
- 23.5 If any provision of these Conditions or the Contract is found by any competent authority or a court of law to be invalid or unenforceable for any reason, the remainder of these Conditions and the Contract shall continue in full force and effect.
- 23.6 These Conditions and any Contract represent the entire agreement between us relating to the purchase of the Goods and supersedes all prior agreements, arrangements and undertakings between us relating to the Goods.
- 23.7 You shall:
- comply with all applicable laws, statutes, regulations and codes relating to anti bribery and anti corruption including but not limited to the Bribery Act 2010 ("Relevant Requirements");
 - not engage in an activity, practice or conduct which would constitute an offence under sections 1,2 or 6 of the Bribery Act 2010 if such activity, practice or conduct had been carried out in the UK;
 - comply with the Company's anti bribery policy in respect of which it has received a copy ("Relevant Policy");
 - have and shall maintain in place throughout the term of this agreement it's own policies and procedures including adequate procedures under the Bribery Act 2010 to ensure compliance with the Relevant Requirements, Relevant Policy and Condition 23.7 (b); and
 - promptly report to the Company any request or demand for any undue financial or other advantage of any kind received by you in connection with the performance of this agreement.

- 23.8. Breach of Condition 23.8 by you shall be deemed a termination event pursuant to Condition 16.2 of these terms.
- 23.9 For the purpose of Conditions 23.7 and 23.8 the meaning of adequate procedures shall have the meaning prescribed to those terms by the Bribery Act 2010 and any guidance issued under section 9 of that Act.
- 23.10 These Conditions and the Contract shall be governed by and construed in accordance with English law and shall be subject to the exclusive jurisdiction of the English courts.

PART II- TERMS AND CONDITIONS – WEBSITE ONLY

The website <http://www.rexel.co.uk> (the "Website") is owned and operated by us. Please note that your use of the Website will be governed by our separate terms and conditions of use which can be found on the Website at <http://www.rexel.co.uk/terms-and-conditions-sale>. Your privacy is also very important to us and these Conditions must be read in conjunction with our Privacy Policy which is published on our Website and which can be found at <http://www.rexel.co.uk/terms-and-conditions-sale>.

1 ACCEPTANCE OF OUR CONDITIONS

- 1.1 Please read the provisions set out in this document carefully and confirm your agreement to them before submitting your registration and any order.
- 1.2 If you are under 18, you may use the Website only with the involvement of a parent or guardian.
- 1.3 We only supply Goods to businesses located in mainland England, Wales and Scotland and we do not accept Orders for Goods from businesses outside of those areas. The system may allow you to place your Order for some areas out of mainland UK but we are under no obligation to complete the Order.
- 1.4 When you register you may choose your own customer username and password. We will confirm the customer username that you have selected, or if you choose a customer username that is in use or inappropriate, you will be asked to choose another customer username.
- 1.5 You must at all times keep your password and customer username confidential and you must notify us immediately of any unauthorised use of your customer username or password, or of any breach of security known to you. We can require you to change your customer username and/or password for security reasons at any time. If you wish to change your password you may contact us and do so.
- 1.6 You must notify us immediately if any employee who has been provided with an individual customer username and password ceases to be employed by you in order that we can disable the account.
- 1.7 You are responsible for all activities which occur under your customer username and password, save where such activities occur as a result of our negligence or fault.

2 PLACING AN ORDER

- 2.1 The Goods displayed on the Website and information about the Goods and the prices on the Website are an invitation to place an Order only and do not constitute an offer by us to you to purchase the Goods.
- 2.2 If you have a trade account with us an Order is placed on the Website when you click the "Submit Order" button on our order form and the placing of such Order will constitute an offer by you to purchase the Goods subject to these Conditions. You should review the Order and correct any incorrect details before pressing the "Submit Order" button.
- 2.3 If you do not have a trade account with us an Order is placed on the Website when you click the "Submit Order" button on our order form and the placing of such Order will constitute an offer by you to purchase the Goods subject to these Conditions. You should review the Order and correct any incorrect details before pressing the "Confirm" button.
- 2.4 We shall acknowledge receipt of your Order with an acknowledgment email. This is not an order confirmation or an order acceptance by us.
- 2.5 The Order shall only be accepted by us when we send a confirmation email to you from us when we dispatch the Goods or make them available for collection which shall create a Contract which is subject to these Conditions. The date of the Contract shall be the date on which we issue the confirmation email if any.
- 2.6 We may list availability information for Goods sold by us on the Website, including throughout the Order process but cannot guarantee the availability of Goods listed on the Website. Please note that dispatch estimates are only estimates and they are not guaranteed dispatch times and should not be relied upon as such.
- 2.7 Where Goods are listed as being currently unavailable you may still place an Order for these Goods and we shall send you a confirmation email when the goods become available and we are in a position to accept your Order and dispatch the Goods to you.
- 2.8 Acknowledgement of your Order is not a guarantee by us of the availability of the Goods.
- 2.9 If you receive an acknowledgment email or confirmation email for an Order which you did not place, or if the details in the acknowledgment email or confirmation email do not match the Order which you placed, you must contact our customer services department detailed on the Website to cancel the Order or correct the details.

3 PRICE AND PAYMENT

- 3.1 Our Website contains a large number of Goods and it is always possible that some of the Goods listed on our Website may be incorrectly priced. Where Goods have been incorrectly priced we will, at our discretion, either contact you for instructions before dispatching the Goods, or reject your Order and notify you of such rejection. For the avoidance of doubt, we are under no obligation to supply the Goods at the incorrect price.
- 3.2 In certain cases, prices for Goods are calculated to more than two decimal places. However, for the purpose of the Website these prices are either rounded up or down in order that the prices can be presented in pounds and pence. Please note that where you purchase multiple Goods, the total price shown when you make an Order shall be calculated on the basis of the original figures before they are rounded up or down and not on the prices displayed on the Website.
- 3.3 Payment must be made in pounds sterling and can be made by using any major UK credit card or debit card shown on the Website.
- 3.4 Payment by any UK credit card or debit card is subject to authorisation by the credit card issuer when the Order is placed. If such authorisation is refused to us, we will not be liable for any delay or non-delivery of the Goods and the Contract will be deemed to be cancelled.
- 3.5 If payment is made by UK credit card or debit card, the card will be debited when your Order is dispatched or the Goods are made available for collection.
- 3.6 The prices quoted on our Website are unique to the Website and may be more or less than the prices quoted for the same goods in our Local Trade Counter. We shall not be under any obligation to sell Goods in our Local Trade Counter at the same price as that quoted on our Website or vice versa.

4 DELIVERY AND RISK

If we agree to permit you to collect the Goods from a Local Trade Counter then delivery will be deemed to take place when we send you a confirmation email notifying you that the Goods are ready for collection and unless otherwise agreed in writing you will collect the Goods within seven (7) Working Days of the date we sent you such email.

5 GENERAL

If you have any queries regarding these Conditions, you can contact us by writing to us for the attention of Legal Department, at our Registered Office address.

PART III - TERMS APPLICABLE TO GOODS BOUGHT OTHER THAN VIA THE WEBSITE

1 APPLICATION OF TERMS AND BASIS OF SUPPLY

No order placed by you shall be deemed accepted by us until a written acknowledgement of order is issued by us or (if earlier) when we deliver the Goods to you.

2 PRICE AND PAYMENT

- 2.1 Unless otherwise agreed in writing, the price for the Goods shall be set out in our price list in force at the time the Goods are dispatched. Any increase in price between the date the Goods are ordered and the date they are dispatched shall be to your account. We shall notify you of any such increase.
- 2.2 If you do not have a trade credit account, payment is due on delivery.

3 DESIGN SERVICES

- 3.1 If we provide you with a service to provide you with a design for a lighting scheme, whether by use of software, a lighting design engineer, or otherwise, such service will be provided at an additional cost and always on the condition that full payment is made in respect of all Goods purchased and subject to Condition 14.1 of Part I without any liability for any defect in the design, howsoever caused. Any drawings, plans, reports, specifications, or other material arising from the development of the lighting scheme shall remain our absolute property.

REXEL

a world of energy

Rexel Lighting Solutions
Unit 2A,
West Bank,
Berry Hill Industrial Estate,
Droitwich,
WR9 9AX

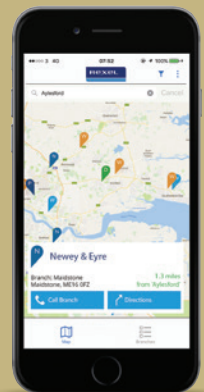
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