

Product Datasheet: 2D Compact Fluorescent Lamps



These low energy, long life lamps are suitable for indoor or outdoor wall or ceiling fittings.

- 8,000 hours average rated life
- 2 pin and 4 pin versions
- Energy efficiency rating “A”
- Supply voltage 240V 50Hz

Technical Data

Type	Cap	Length	Width	Lumens	Code
2 Pin 16W	GR8	138mm	135mm	960	2D2PIN16W
4 Pin 16W	GR10q	138mm	135mm	960	2D4PIN16W
4 Pin 28W	GR10q	205mm	203mm	1960	2D4PIN28W

Product may differ from those illustrated.

Product Datasheet: MR11 Low Voltage Halogen Lamps



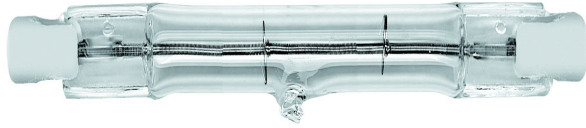
Multi faceted reflector (MR) halogen display low voltage lamps are ideal for down-lighting and accent lighting applications because of their small size, precise beam control, excellent white light and cool beam characteristics. Applications range from private offices, restaurants, retail displays as well as household. Beam patterns range from very narrow spot to wide floods.

- 2,000 hours average rated life
- Energy efficiency rating “E”
- Reflector Diameter 37mm

Technical Data

Beam Angle	Wattage	Voltage	Cap/ Base	Code
10 degrees	20W	12V	GU4/GZ4	MR11H20W10DEG
20 degrees	20W	12V	GU4/GZ4	MR11H20W20DEG
30 degrees	20W	12V	GU4/GZ4	MR11H20W30DEG
10 degrees	35W	12V	GU4/GZ4	MR11H35W10DEG
20 degrees	35W	12V	GU4/GZ4	MR11H35W20DEG
30 degrees	35W	12V	GU4/GZ4	MR11H35W30DEG

Product Datasheet: Double Ended Halogen Lamps



This linear halogen lamp has a reinforced construction, double coiled filament, concaved glass and gold plated contacts which make this lamp suitable for almost every application.

- 2,000 hours average rated life
- Energy efficiency rating “E”

<i>Voltage/Watts</i>	<i>Length</i>	<i>Order Code</i>
110V/ 500W	135mm	DEH110V500W
240V/ 150W	91mm	DEH240V150W
240V/ 300W	135mm	DEH240V300W
240V/ 500W	135mm	DEH240V500W

Product Datasheet: Frosted Reflector Lamps



This range of frosted reflector lamps are available in ES and SES fittings and are ideal for use in accent lighting in commercial and domestic applications. The type indicates the diameter of the lamps, i.e. R50 has a diameter of 50mm

- 1,000 hours average rated life
- Energy efficiency rating “F”
- Voltage 240V ac
- Available in R50, R63 and R80 sizes

Technical Data

<i>Wattage</i>	<i>Fitting</i>	<i>Type</i>	<i>Order Code</i>
25W	E13 SES	R50	R50REF25WE14
40W	E13 SES	R50	R50REF40WE14
40W	E27 ES	R63	R63REF40WE27FR
60W	E27 ES	R63	R63REF60WE27FR
60W	E27 ES	R80	R80REF60WE27FR
100W	E27 ES	R80	R80REF100WE27FR

Product Datasheet: Coloured R80 Reflector Lamps



This range of reflector lamps are ideal for use in decorative commercial and domestic applications as well as disco.

- 1,000 hours average rated life
- Energy efficiency rating "F"

Technical Data

Wattage	40W
Voltage	240V ac
Fitting	ES E27
Dimensions (LxDia)	113 x 78mm

<i>Colour</i>	<i>Order Code</i>
Red	R80REF40WESRD
Yellow	R80REF40WESYL
Green	R80REF40WESGN
Blue	R80REF40WESBL

Product Datasheet: Low Energy Reflector Lamps



This energy saving compact fluorescent lamp is ideal for replacing standard reflector and GLS lamps, enabling up to an 80% saving over standard equivalent bulbs.

- 8,000 hours average rated life
- Energy efficiency rating "A"
- Available in ES and SES fittings

<i>Watts</i>	<i>Fitting</i>	<i>Type</i>	<i>Dims (LxDia)mm</i>	<i>Order Code</i>
11W	ES(E27)	R80 (3U)	135 x 85	R80ES11WES
7W	ES(E27)	R63 (2U)	135 x 66	R63ES7WES
4W	SES(E14)	R63 (3U)	135 x 66	R50ES4WES

Product Datasheet: Coloured PAR 16 Lamps



These spotlight bulbs have a variety of applications including retail displays, residential lighting and disco lighting.

- 2,000 hours average rated life
- Energy efficiency rating “E”

Technical Data

Wattage	40W
Voltage	240V ac
Dimensions (LxDia)	85 x 50mm
Beam Angle	38 degrees
Fitting	SES (E14)

<i>Colour</i>	<i>Order Code</i>
Red	PAR16E27RD
Yellow	PAR16E27YL
Green	PAR16E27GN
Blue	PAR16E27BL

Product may differ from those illustrated.

Product Datasheet: Low Energy LED Candle Lamp



These low energy, very long life (50,000 hours) 15 LED lamps are ideal for replacing compact fluorescent and GLS lamps and is available in SES (E14) and ES (E27) fittings.

- 50,000 hours average rated life
- Energy efficiency rating “A”

Technical Data

Wattage	1W
Voltage	240V ac
Dimensions (LxDia)	85 x 50mm
Lumen	34

Type	Order Code
SES (E14)	CANDLELEDE14
ES (E27)	CANDLELEDE27

Product Datasheet: Low Energy Reflector Lamps



These energy saving compact fluorescent lamps are ideal for replacing standard reflector and GLS lamps. The type indicates the diameter of the lamps, i.e. R50 has a diameter of 50mm

- 8,000 hours average rated life
- Energy efficiency rating "B"
- Available in BC (B22), ES (E27) and SES (E14) fittings
- Voltage 240V 50Hz
- Warm light

Watts	Fitting/Type	GLS Equiv	Dims (LxDia)mm	Order Code
4W	SES R50	20W	108 x 52	RLR504WE14
7W	ES R50	35W	120 x 52	RLR507WE27
9W	ES R50	45W	120 x 52	RLR509WE27
5W	ES R63	25W	131 x 65	RLR635WE27
5W	BC R63	25W	131 x 65	RLR635WB22
7W	ES R63	35W	131 x 65	RLR637WE27
7W	BC R63	35W	131 x 65	RLR637WB22
11W	ES R63	55W	131 x 65	RLR6311WE27
11W	BC R63	55W	131 x 65	RLR6311WB22
11W	ES R80	55W	131 x 82	RLR8011WE27
15W	ES R80	75W	142 x 82	RLR8015WE27
18W	ES R80	75W	142 x 82	RLR8018WE27

Product Datasheet: GU10 Energy Saving Lamps



These energy saving GU10 lamps are ideal for replacing standard GU10 lamps.

- 8,000 hours average rated life
- Energy efficiency rating “B”
- Voltage 240V 50Hz
- Dimensions (LxDia): 86 x 52mm
- Warm light

<i>Watts</i>	<i>Lumen</i>	<i>Order Code</i>
7W	336	ESGU107W
9W	432	ESGU109W
11W	528	ESGU1011W

Product Datasheet: Energy Saving GLS Style Lamps



These energy saving lamps are ideal for replacing standard GLS lamps.

- 8,000 hours average rated life
- Energy efficiency rating “B”
- Voltage 240V 50Hz
- Available in BC (B22) and ES (E27) fittings
- Warm light

<i>Watts</i>	<i>Fitting</i>	<i>GLS Equiv</i>	<i>Dims (LxDia)mm</i>	<i>Order Code</i>
9W	ES	45W	142 x 64	ESBUG9WE27
9W	BC	45W	142 x 64	ESBUG9WB22
11W	ES	55W	142 x 64	ESBUG11WE27
11W	BC	55W	142 x 64	ESBUG11WB22
14W	ES	70W	153 x 69	ESBUG14WE27
14W	BC	70W	153 x 69	ESBUG14WB22

Product Datasheet: Energy Saving Golf Ball Lamps



These energy saving lamps are ideal for replacing standard golf ball and mini-globe lamps.

- 8,000 hours average rated life
- Energy efficiency rating "B"
- Voltage 240V 50Hz
- Available in BC (B22), SBC (B15), SES (E14) and ES (E27) fittings
- Warm light

<i>Watts</i>	<i>Fitting</i>	<i>GLS Equiv</i>	<i>Dims (LxDia)mm</i>	<i>Order Code</i>
5W	BC	25W	102 x 52	ESMG5WB22
5W	SBC	25W	102 x 52	ESMG5WB15
5W	ES	25W	102 x 52	ESMG5WE27
5W	SES	25W	102 x 52	ESMG5WE14
7W	BC	35W	105 x 47	ESMG7WB22
7W	SBC	35W	105 x 47	ESMG7WB15
7W	ES	35W	105 x 47	ESMG7WE27
7W	SES	35W	105 x 47	ESMG7WE14