



LED Catalogue

EDITION 6



Life is brighter...



# The Pursuit of Excellence

Welcome to the Fusion LED Lamps catalogue...

A very warm welcome to the new and eagerly awaited sixth edition of the Fusion Lamps LED catalogue. Fusion Lamps have been established now for over 20 years and have become a trusted and reliable source for one of the most extensive ranges of lamps available in the UK.

With over 1,450 product lines from stock, Fusion Lamps have been consistently one of the front runners in providing innovative, cost saving and maintenance saving solutions for its wide customer base. This includes its vast choice of LED options.

In this exciting new edition, Fusion Lamps covers every area of LED lamp replacements, whether domestic, commercial or industrial applications. In a very overcrowded supplier market place with much confusion and vast choice, this catalogue tries to provide the end user with a clear understanding of energy saving against existing applications, showing clear cost savings.

Fusion lamps fully appreciate the importance of service and availability in today's fast paced world of e-commerce and as such now offers an on line quotation facility on our website:

**[fusion-lamps.co.uk](http://fusion-lamps.co.uk)**

So, whether it's via the website, or by speaking direct to one of our dedicated technical support team, please feel free to contact us at any time to discuss your energy saving requirements.

Contact us today and see why...

*...life is brighter*



Millfield Industrial Estate,  
Arksey Lane, Bentley,  
Doncaster,  
South Yorkshire DN5 0SJ

Tel: +44 (0)1302 822 833  
Email: [info@fusion-lamps.co.uk](mailto:info@fusion-lamps.co.uk)

**[fusion-lamps.co.uk](http://fusion-lamps.co.uk)**

# Contact Us!...

## Technical Support

Fusion Lamps are proud to offer over 20 years' experience in technical support from our internal sales team.

This technical support is also backed up by dedicated Business Development Managers who specialise in lamp solutions.

## Customer Service

Fusion Lamps has a dedicated department open from 7:30am to 5:30pm, 5 days a week, Monday to Friday.

All staff are continuously trained to offer the highest quality service which we have become renowned for over the last 20 years. Our customers can be confident in our continued support.

## Delivery

With over 1450 product lines available in stock, our experienced despatch team enable products to be delivered at a rapid pace!



## Phone | Email | Web



**01302 822 833**

Our Sales Office & Technical Help Desk is open from 7.30am-5.30pm Monday-Friday.



**info@fusion-lamps.co.uk**

Email us with your sales and technical enquiries.



**fusion-lamps.co.uk**

For up-to-date information and technical specifications, please visit our website.





# Referrals



Peckforton Castle



Media Centre



Loreburne Shopping Centre



Saltrock Store



Barber Barber



Bovey Castle



Buchanan Galleries



Murco Garages



Canary Wharf



Virgin Active

Turn to page 126 for more of our Referrals

Here's just a small selection of case studies, using a wide range of Fusion LED lamps. Coupled with considerable energy and cost savings, LED illumination is the ideal solution!



Enclosed within this brochure  
are many options to  
**decrease** both  
**energy** and  
**maintenance costs...**



With ever increasing energy costs and associated environmental issues, it has never been more important to consider energy efficient lamp sources.

The Fusion range of LED lamps have the benefit of extended lamp life, together with low running costs and reduced maintenance, resulting in energy savings up to 90% when compared to inefficient counterparts.

These savings are clearly stated along with the technical specification of each lamp. By simply retrofitting Fusion LED lamps, you can reduce your lighting costs and together, we can help to protect the environment.









*...life is brighter*





# Explanation of Icons

## Key to Symbols

- |   |  |
|---|--|
| <b>W</b> Wattage  |  Nominal luminous flux  |
| <b>V</b> Voltage  |  Colour temperature (K) |
|  Cap type                |  Beam angle (°)         |
|  Lamp diameter (mm)      |  Non-dimmable           |
| <b>L</b> Lamp length (mm)   |  Dimmable               |
|  Average lamp life (hrs) |  |

## Energy Saving Values

**Energy Saving Values  
per lamp over 30,000 hours**

£189.00

5W LED GU10 = £21.00

50W Halogen GU10 = £210.00

- LED lamp life
- Monetary saving
- LED lamp running cost
- Comparative lamp running cost

**Note:** Savings do not include cost of replacement lamps, or maintenance costs. All figures are based on an electricity charge of £0.14 per kWh.



**LED Luminaires  
and Retrofit Bulbs  
Licensing Program**

Member  
Fusion Lamps



## All Fusion LED products carry a credible guarantee

In the unlikely event of failure, we can offer a replacement product. (We cannot however, accept liability for any costs incurred) See our website for full terms and conditions.



# Have you changed to LED?...

## Features & Benefits:

- Low power consumption
- Up to 95% energy saving
- Long lamp life (up to 30,000hrs) can last up to x30 times longer than incandescent lamps
- L70 compliant
- Up to 3 Year credible guarantee
- Low surface temperature
- No UV output
- Robust product
- Instant start, no warm-up period
- Operating temperature -20°C to +40°C (ideal for cold environments)
- Environmentally friendly

## Typical Energy Savings

Energy Saving Values per lamp over 30,000 hours

**£189.00**

5W LED GU10 = £21.00  
50W Halogen GU10 = £210.00

Energy Saving Values per lamp over 30,000 hours

**£210.00**

10W LED GLS = £42.00  
60W Incandescent = £252.00

As more traditional lamps are banned under the EU legislation, the conventional means of judging light output by wattage will be replaced by lumens. A lumen is an amount of light emitted by a source.

## How much will LEDs save?

- LED lamps can save up to 95% in energy consumption, plus maintenance and replacement lamp costs.

## Why do some LED's cost more than others?

Scan the QR Code to see the difference between high quality and poor quality built LED lamps.



Scan here to see a YouTube video.

## What are the different colour types?

The colour of lamps is measured on a temperature scale in Kelvins. The higher the Kelvin, the cooler the colour.

The lower the Kelvin, the warmer the colour - i.e. 3000K incandescent is warm/orange in colour.



## Benefits of Retrofit Lamps

Over recent years, the introduction of LED technology has given customers a choice to make if they wish to change to this energy and maintenance saving solution.

The choice is, 'do I go for an LED fixture with a built-in light source or alternatively go for a retrofit LED lamp?'

Below are just a few reasons to choose retrofit LED lamps over LED fixtures complete:

### Cost Effective & Quicker Return on Investment:

LED lamps are a much more cost effective solution, which usually leads to a quicker return on investment.

**Ease & Cost of Installation:** Retrofitting LED lamps is often as easy as taking the old lamp out and putting the new lamp in – typically resulting in low or no associated installation costs.

### Easily Maintained & Low Cost of Maintenance:

When an LED lamp comes to the end of its life, simply remove and replace it. No need to worry about the costs of electrical or cosmetic work usually associated with changing complete LED fixtures.







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Products offered for sale may differ from those described in this catalogue due to later production, changes in specification, components or place of manufacture.

Our policy is one of constant development and improvement. Whilst every effort is made to make the catalogue accurate at the date of printing, specification and/or appearance may be changed in the interest of continuing improvement.

Fusion Lamps would like to acknowledge the help and support of its staff, customers and suppliers in providing information towards the publication of this catalogue. All products are subject to availability and are correct at the time of print. Errors and omissions excepted.







## Candle Range

Fusion Lamps candle range use the latest high brightness SMD LED light sources and combine a range of both aluminium and thermo plastic materials providing optimal heat dissipation. Products are supplied in clear and frosted options, with both non-dimmable and dimmable options available.



# Essential Range 3W Candle

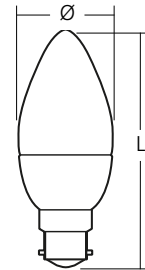


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 90% energy savings
- Polycarbonate cover
- No UV output
- Suitable replacement for a 25W incandescent lamp
- Ideal for bedrooms, living rooms and other domestic applications

**1YR**  
GUARANTEE

ref	W	V	💡	Ø	L	🕒	☀️	🌈	♻️	⚠️
<b>FC3BC/OP</b>	3	230	B22	37mm	100mm	15000	260	2700K	200	No
<b>FC3ES/OP</b>	3	230	E27	37mm	100mm	15000	260	2700K	200	No
<b>FC3SBC/OP</b>	3	230	B15	37mm	100mm	15000	260	2700K	200	No
<b>FC3SES/OP</b>	3	230	E14	37mm	100mm	15000	260	2700K	200	No



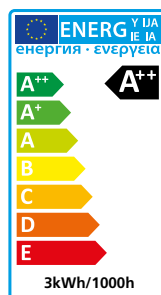
RoHS



Energy Saving Values  
per lamp over 15,000 hours

**£46.20**

3W LED Candle = £6.30  
25W Incandescent  
Candle = £52.50





NEW  
ARRIVAL

# Essential Range 6W Candle

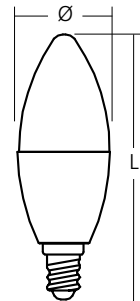


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 85% energy savings
- Polycarbonate cover
- No UV output
- Suitable replacement for a 40W incandescent lamp
- Ideal for bedrooms, living rooms and other domestic applications
- Dimmable and non-dimmable versions available

**1YR**  
GUARANTEE

ref	W	V		Ø	L					
<b>FC6BC/OP</b>	6	230	B22	37mm	100mm	15000	470	2700K	200	No
<b>FC6ES/OP</b>	6	230	E27	37mm	100mm	15000	470	2700K	200	No
<b>FC6SBC/OP</b>	6	230	B15	37mm	100mm	15000	470	2700K	200	No
<b>FC6SES/OP</b>	6	230	E14	37mm	100mm	15000	470	2700K	200	No
<b>FC6BC/OP/D</b>	6	230	B22	37mm	100mm	15000	470	2700K	200	Yes
<b>FC6ES/OP/D</b>	6	230	E27	37mm	100mm	15000	470	2700K	200	Yes
<b>FC6SES/OP/D</b>	6	230	E14	37mm	100mm	15000	470	2700K	200	Yes



Energy Saving Values  
per lamp over 15,000 hours

**£71.40**

6W LED Candle = £12.60  
40W Incandescent  
Candle = £84.00



# 5W Candle

## Opal

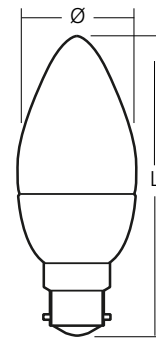


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 90% energy savings
- Polycarbonate cover
- No UV output
- Suitable replacement for a 40W incandescent lamp
- Dimmable and non-dimmable versions available

**3YR**  
GUARANTEE

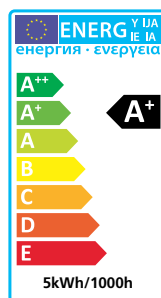
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CRLED/CAN/ES	5	230	E27	35mm	95mm	30000	470	2700K	200	No
CRLED/CAN/SBC	5	230	B15	35mm	104mm	30000	470	2700K	200	No
CRLED/CAN/SES	5	230	E14	35mm	104mm	30000	470	2700K	200	No
CRLED/CAN/BC/DIM	5	230	B22	35mm	94mm	30000	470	2700K	200	Yes
CRLED/CAN/ES/DIM	5	230	E27	35mm	95mm	30000	470	2700K	200	Yes
CRLED/CAN/SBC/DIM	5	230	B15	35mm	104mm	30000	470	2700K	200	Yes
CRLED/CAN/SES/DIM	5	230	E14	35mm	104mm	30000	470	2700K	200	Yes
CRLED/CAN/BC/CW	5	230	B22	35mm	94mm	30000	485	4000K	200	No
CRLED/CAN/ES/CW	5	230	E27	35mm	95mm	30000	485	4000K	200	No
CRLED/CAN/SBC/CW	5	230	B15	35mm	104mm	30000	485	4000K	200	No
CRLED/CAN/SES/CW	5	230	E14	35mm	104mm	30000	485	4000K	200	No
CRLED/CAN/BC/CW/DIM	5	230	B22	35mm	94mm	30000	485	4000K	200	Yes
CRLED/CAN/ES/CW/DIM	5	230	E27	35mm	95mm	30000	485	4000K	200	Yes
CRLED/CAN/SBC/CW/DIM	5	230	B15	35mm	104mm	30000	485	4000K	200	Yes
CRLED/CAN/SES/CW/DIM	5	230	E14	35mm	104mm	30000	485	4000K	200	Yes



Energy Saving Values  
per lamp over 30,000 hours

**£147.00**

5W LED Candle = £21.00  
40W Incandescent  
Candle = £168.00



# 5W Candle

## Clear

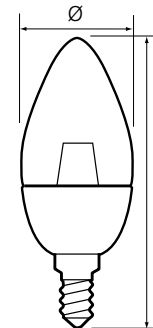


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 90% energy savings
- Polycarbonate cover
- No UV output
- Suitable replacement for a 40W incandescent lamp
- Gives a sparkling effect required for chandeliers
- Dimmable and non-dimmable versions available

**BYR**  
GUARANTEE

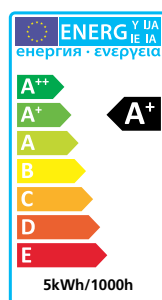
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<b>CRLED/CAN/BC/CL</b>	5	230	B22	35mm	94mm	30000	445	2700K	250	No
<b>CRLED/CAN/ES/CL</b>	5	230	E27	35mm	95mm	30000	445	2700K	250	No
<b>CRLED/CAN/SBC/CL</b>	5	230	B15	35mm	104mm	30000	445	2700K	250	No
<b>CRLED/CAN/SES/CL</b>	5	230	E14	35mm	104mm	30000	445	2700K	250	No
<b>CRLED/CAN/BC/CL/DIM</b>	5	230	B22	35mm	94mm	30000	445	2700K	250	Yes
<b>CRLED/CAN/ES/CL/DIM</b>	5	230	E27	35mm	95mm	30000	445	2700K	250	Yes
<b>CRLED/CAN/SBC/CL/DIM</b>	5	230	B15	35mm	104mm	30000	445	2700K	250	Yes
<b>CRLED/CAN/SES/CL/DIM</b>	5	230	E14	35mm	104mm	30000	445	2700K	250	Yes



**Energy Saving Values**  
per lamp over 30,000 hours

**£147.00**

5W LED Candle = £21.00  
40W Incandescent  
Candle = £168.00



# Golfball Range

Fusion Lamps Golfball ranges use the latest high brightness SMD LED light sources and combine a range of both aluminium and thermo-plastic materials, providing optimal heat dissipation. Products are supplied in clear and frosted options with both non-dimmable and dimmable options available.





# Essential Range 6W Golfball

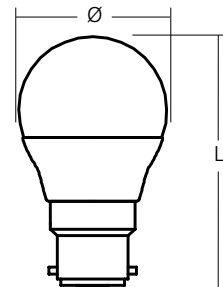


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 85% energy savings
- Polycarbonate cover
- No UV output
- Suitable replacement for a 40W incandescent lamp
- Ideal for bedrooms, living rooms and other domestic applications

**1YR**  
GUARANTEE

ref	W	V		Ø	L					
<b>FDR6BC/OP</b>	6	230	B22	45mm	82mm	15000	470	2700K	270	No
<b>FDR6ES/OP</b>	6	230	E27	45mm	82mm	15000	470	2700K	270	No
<b>FDR6SBC/OP</b>	6	230	B15	45mm	82mm	15000	470	2700K	270	No
<b>FDR6SES/OP</b>	6	230	E14	45mm	82mm	15000	470	2700K	270	No



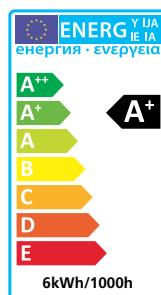
RoHS



Energy Saving Values  
per lamp over 15,000 hours

**£71.40**

6W LED Golfball = £12.60  
40W Incandescent  
Golfball = £84.00



# 5W Golfball

## Opal

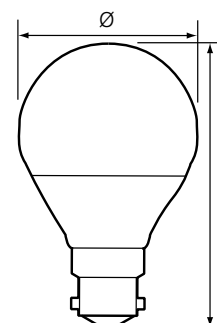


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 90% energy savings
- Polycarbonate cover
- No UV output
- Suitable replacement for a 40W incandescent lamp
- Dimmable and non-dimmable versions available

**3YR**  
GUARANTEE

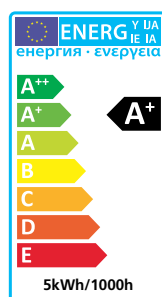
ref	W	V	⚡	∅	L	🕒	☀️	🌈	⚠️	👁️
<b>CRLED/G45/BC</b>	5	230	B22	45mm	82mm	30000	470	2700K	200	No
<b>CRLED/G45/ES</b>	5	230	E27	45mm	82mm	30000	470	2700K	200	No
<b>CRLED/G45/SBC</b>	5	230	B15	45mm	86mm	30000	470	2700K	200	No
<b>CRLED/G45/SES</b>	5	230	E14	45mm	86mm	30000	470	2700K	200	No
<b>CRLED/G45/BC/DIM</b>	5	230	B22	45mm	82mm	30000	470	2700K	200	Yes
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<b>CRLED/G45/BC/CW</b>	5	230	B22	45mm	82mm	30000	485	4000K	200	No
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<b>CRLED/G45/SBC/CW</b>	5	230	B15	45mm	86mm	30000	485	4000K	200	No
<b>CRLED/G45/SES/CW</b>	5	230	E14	45mm	86mm	30000	485	4000K	200	No
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<b>CRLED/G45/ES/CW/DIM</b>	5	230	E27	45mm	82mm	30000	485	4000K	200	Yes
<b>CRLED/G45/SBC/CW/DIM</b>	5	230	B15	45mm	86mm	30000	485	4000K	200	Yes
<b>CRLED/G45/SES/CW/DIM</b>	5	230	E14	45mm	86mm	30000	485	4000K	200	Yes



Energy Saving Values  
per lamp over 30,000 hours

**£147.00**

5W LED Golfball = £21.00  
40W Incandescent  
Golfball = £168.00







## GLS Range

Fusion Lamps GLS range offer the perfect LED replacement for traditional 40 Watt, 60 Watt, 75 Watt and 100 Watt lamps. The latest high brightness SMD LED light sources are used as well as a combination of both aluminium and thermo-plastic materials, providing optimal heat dissipation. Products are available in both non-dimmable and dimmable versions.





NEW  
ARRIVAL

# Essential Range

## 6W GLS

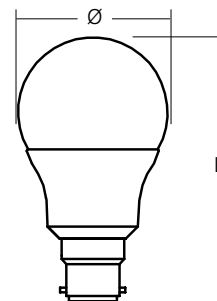


### Features and Benefits

- Low power consumption
- Long lamp life
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- Up to 85% energy savings
- Polycarbonate cover
- No UV output
- Suitable replacement for a 40W incandescent lamp
- Ideal for bedrooms, living rooms and other domestic applications

**1YR**  
GUARANTEE

ref	W	V		Ø	L					
<b>F6BCP</b>	6	230	B22	60mm	112mm	15000	510	2700K	270	No
<b>F6ESP</b>	6	230	E27	60mm	112mm	15000	510	2700K	270	No



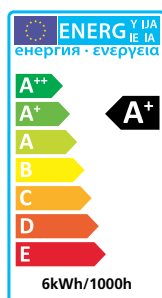
RoHS



Energy Saving Values  
per lamp over 15,000 hours

**£71.40**

6W LED GLS = £12.60  
40W Incandescent  
GLS = £84.00



# 6W GLS

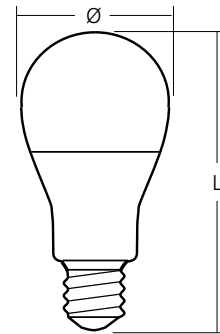


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 85% energy savings
- Polycarbonate cover
- No UV output
- Suitable replacement for a 40W incandescent lamp
- Dimmable and non-dimmable versions available

**3YR**  
GUARANTEE

ref	W	V		Ø	L					
<b>CRLED/GLS6BC</b>	6	230	B22	55mm	104mm	30000	500	2700K	200	No
<b>CRLED/GLS6ES</b>	6	230	E27	55mm	104mm	30000	500	2700K	200	No
<b>CRLED/GLS6BC/DIM</b>	6	230	B22	55mm	104mm	30000	500	2700K	200	Yes
<b>CRLED/GLS6ES/DIM</b>	6	230	E27	55mm	104mm	30000	500	2700K	200	Yes



Energy Saving Values  
per lamp over 30,000 hours

**£142.80**

6W LED GLS = £25.20  
40W Incandescent  
GLS = £168.00

ENERGY LABEL

Y IA  
IE IA  
енергия - енеруєт

A+ A A- A+ A A- B C D E

6kWh/1000h



NEW  
ARRIVAL

# Essential Range

## 10W GLS

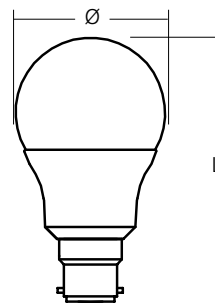


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 85% energy savings
- Polycarbonate cover
- No UV output
- Suitable replacement for a 60W incandescent lamp
- Ideal for bedrooms, living rooms and other domestic applications
- Dimmable and non-dimmable versions available

**1YR**  
GUARANTEE

ref	W	V		Ø	L					
<b>F10BCP</b>	10	230	B22	60mm	112mm	15000	806	2700K	270	No
<b>F10ESP</b>	10	230	E27	60mm	112mm	15000	806	2700K	270	No
<b>F10BCP/D</b>	10	230	B22	60mm	112mm	15000	806	2700K	270	Yes
<b>F10ESP/D</b>	10	230	E27	60mm	112mm	15000	806	2700K	270	Yes
<b>F10BCP 110V</b>	10	110	B22	60mm	112mm	15000	806	2700K	270	No
<b>F10ESP 110V</b>	10	110	E27	60mm	112mm	15000	806	2700K	270	No



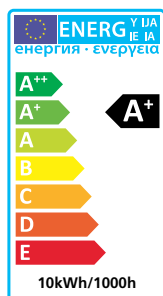
RoHS



Energy Saving Values  
per lamp over 15,000 hours

**£105.00**

10W LED GLS = £21.00  
60W Incandescent  
GLS = £126.00



# 10W GLS

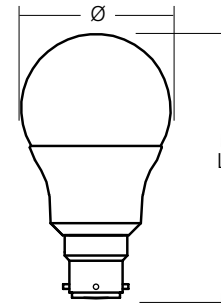


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 85% energy savings
- Polycarbonate cover
- No UV output
- Suitable replacement for a 60W incandescent lamp
- Dimmable and non-dimmable versions available



ref	W	V		Ø	L					
<b>CRLED/GLS10BC</b>	10	230	B22	60mm	116mm	30000	850	2700K	200	No
<b>CRLED/GLS10ES</b>	10	230	E27	60mm	116mm	30000	850	2700K	200	No
<b>CRLED/GLS10BC/DIM</b>	10	230	B22	60mm	116mm	30000	810	2700K	200	Yes
<b>CRLED/GLS10ES/DIM</b>	10	230	E27	60mm	116mm	30000	810	2700K	200	Yes
<b>CRLED/GLS10BC/CW</b>	10	230	B22	60mm	116mm	30000	850	4000K	200	No
<b>CRLED/GLS10ES/CW</b>	10	230	E27	60mm	116mm	30000	850	4000K	200	No
<b>CRLED/GLS10BC/CW/DIM</b>	10	230	B22	60mm	116mm	30000	810	4000K	200	Yes
<b>CRLED/GLS10ES/CW/DIM</b>	10	230	E27	60mm	116mm	30000	810	4000K	200	Yes
<b>CRLED/GLS10BC 110V</b>	10	110	B22	60mm	116mm	30000	850	2700K	200	No
<b>CRLED/GLS10ES 110V</b>	10	110	E27	60mm	116mm	30000	850	2700K	200	No



**Energy Saving Values**  
per lamp over 30,000 hours

**£210.00**

10W LED GLS = £42.00  
60W Incandescent  
GLS = £252.00

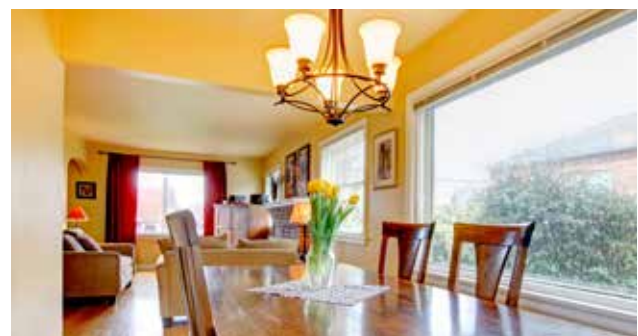
ENERGY LABEL

энергия - енергия

A++ A+ A B C D E

**A+**

10kWh/1000h



# 10W GLS

with Dusk to Dawn Sensor

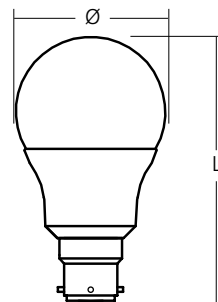


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 85% energy savings
- Polycarbonate cover
- No UV output
- Suitable replacement for a 60W incandescent lamp
- Built-in dusk to dawn sensor

**3YR**  
GUARANTEE

ref	W	V		Ø	L					
<b>CRLED/GLS10BC/SEN</b>	10	230	B22	65mm	124mm	30000	850	2700K	200	No
<b>CRLED/GLS10ES/SEN</b>	10	230	E27	65mm	125mm	30000	850	2700K	200	No



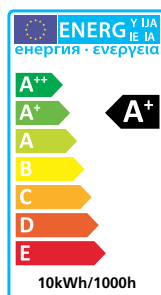
RoHS



Energy Saving Values  
per lamp over 30,000 hours

**£210.00**

10W LED GLS = £42.00  
60W Incandescent  
GLS = £252.00



# 12W GLS

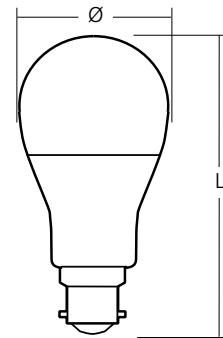


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 85% energy savings
- Polycarbonate cover
- No UV output
- Suitable replacement for a 75W incandescent lamp
- Dimmable and non-dimmable versions available

**3YR**  
GUARANTEE

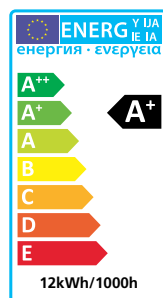
ref	W	V		Ø	L					
<b>CRLED/GLS12BC</b>	12	230	B22	65mm	122mm	30000	1150	2700K	200	No
<b>CRLED/GLS12ES</b>	12	230	E27	65mm	122mm	30000	1150	2700K	200	No
<b>CRLED/GLS12BC/DIM</b>	12	230	B22	65mm	122mm	30000	1080	2700K	200	Yes
<b>CRLED/GLS12ES/DIM</b>	12	230	E27	65mm	122mm	30000	1080	2700K	200	Yes



**Energy Saving Values**  
per lamp over 30,000 hours

**£264.60**

12W LED GLS = £50.40  
75W Incandescent GLS = £315.00



NEW  
ARRIVAL

# 15W GLS

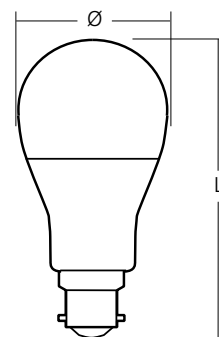


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 85% energy savings
- Polycarbonate cover
- No UV output
- Suitable replacement for a 100W incandescent lamp

**3YR**  
GUARANTEE

ref	W	V		Ø	L					
<b>CRLED/GLS15BC</b>	15	230	B22	70mm	132mm	30000	1525	2700K	200	No
<b>CRLED/GLS15ES</b>	15	230	E27	70mm	132mm	30000	1525	2700K	200	No



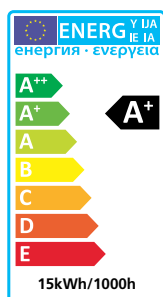
RoHS



Energy Saving Values  
per lamp over 30,000 hours

**£357.00**

15W LED GLS = £63.00  
100W Incandescent  
GLS = £420.00











## Filament Range

Fusion Lamps Filament range use the latest cutting edge LED Strip technology to replicate the effect an incandescent lamp achieves. Ideally suited to applications where a traditional looking filament effect is preferred, such as hotels, restaurants and domestic applications.



# Filament Candle

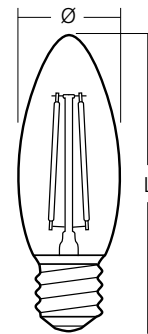


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 95% energy savings
- No UV output
- Suitable replacement for a 25W & 40W incandescent lamp
- Clear and amber versions available
- Gives a sparkling effect, ideal for chandeliers
- Dimmable and non-dimmable versions available

**2YR**  
GUARANTEE

ref	W	V	⚡	∅	L	🕒	☀️	🌈	♻️	👁️
<b>EDLED/FCAN1.8BC</b>	1.8	230	B22	35mm	100mm	20000	220	2700K	360	No
<b>EDLED/FCAN1.8ES</b>	1.8	230	E27	35mm	100mm	20000	220	2700K	360	No
<b>EDLED/FCAN1.8SBC</b>	1.8	230	B15	35mm	100mm	20000	220	2700K	360	No
<b>EDLED/FCAN1.8SES</b>	1.8	230	E14	35mm	100mm	20000	220	2700K	360	No
<b>EDLED/FCAN1.8BC/DIM</b>	1.8	230	B22	35mm	100mm	20000	220	2700K	360	Yes
<b>EDLED/FCAN1.8ES/DIM</b>	1.8	230	E27	35mm	100mm	20000	220	2700K	360	Yes
<b>EDLED/FCAN1.8SBC/DIM</b>	1.8	230	B15	35mm	100mm	20000	220	2700K	360	Yes
<b>EDLED/FCAN1.8SES/DIM</b>	1.8	230	E14	35mm	100mm	20000	220	2700K	360	Yes
<b>EDLED/FCAN3BC</b>	3	230	B22	37mm	100mm	20000	470	2700K	360	No
<b>EDLED/FCAN3ES</b>	3	230	E27	37mm	100mm	20000	470	2700K	360	No
<b>EDLED/FCAN3SBC</b>	3	230	B15	37mm	100mm	20000	470	2700K	360	No
<b>EDLED/FCAN3SES</b>	3	230	E14	37mm	100mm	20000	470	2700K	360	No
<b>EDLED/FCAN3BC/DIM</b>	3	230	B22	37mm	100mm	20000	470	2700K	360	Yes
<b>EDLED/FCAN3ES/DIM</b>	3	230	E27	37mm	100mm	20000	470	2700K	360	Yes
<b>EDLED/FCAN3SBC/DIM</b>	3	230	B15	37mm	100mm	20000	470	2700K	360	Yes
<b>EDLED/FCAN3SES/DIM</b>	3	230	E14	37mm	100mm	20000	470	2700K	360	Yes
<b>EDLED/FCAN3BC/A/DIM*</b>	3	230	B22	37mm	100mm	20000	380	2200K	360	Yes
<b>EDLED/FCAN3ES/A/DIM*</b>	3	230	E27	37mm	100mm	20000	380	2200K	360	Yes
<b>EDLED/FCAN3SBC/A/DIM*</b>	3	230	B15	37mm	100mm	20000	380	2200K	360	Yes
<b>EDLED/FCAN3SES/A/DIM*</b>	3	230	E14	37mm	100mm	20000	380	2200K	360	Yes



\* Amber version



**Energy Saving Values**  
per lamp over 20,000 hours

**£64.96**

1.8W LED Candle = £5.04  
25W Incandescent Candle = £70.00



**Energy Saving Values**  
per lamp over 20,000 hours

**£103.60**

3W LED Candle = £8.40  
40W Incandescent Candle = £112.00



Clear



Amber

# Filament Golfball

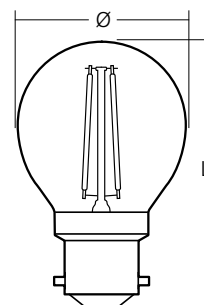


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 95% energy savings
- No UV output
- Suitable replacement for a 25W & 40W incandescent lamp
- Gives a sparkling effect
- Dimmable and non-dimmable versions available

**2YR**  
GUARANTEE

ref	W	V		Ø	L					
<b>EDLED/FG45/1.8BC</b>	1.8	230	B22	45mm	73mm	20000	220	2700K	360	No
<b>EDLED/FG45/1.8ES</b>	1.8	230	E27	45mm	73mm	20000	220	2700K	360	No
<b>EDLED/FG45/1.8SBC</b>	1.8	230	B15	45mm	78mm	20000	220	2700K	360	No
<b>EDLED/FG45/1.8SES</b>	1.8	230	E14	45mm	78mm	20000	220	2700K	360	No
<b>EDLED/FG45/1.8BC/DIM</b>	1.8	230	B22	45mm	73mm	20000	220	2700K	360	Yes
<b>EDLED/FG45/1.8ES/DIM</b>	1.8	230	E27	45mm	73mm	20000	220	2700K	360	Yes
<b>EDLED/FG45/1.8SBC/DIM</b>	1.8	230	B15	45mm	78mm	20000	220	2700K	360	Yes
<b>EDLED/FG45/1.8SES/DIM</b>	1.8	230	E14	45mm	78mm	20000	220	2700K	360	Yes
<b>EDLED/FG45/3BC</b>	3	230	B22	45mm	73mm	20000	470	2700K	360	No
<b>EDLED/FG45/3ES</b>	3	230	E27	45mm	73mm	20000	470	2700K	360	No
<b>EDLED/FG45/3SBC</b>	3	230	B15	45mm	78mm	20000	470	2700K	360	No
<b>EDLED/FG45/3SES</b>	3	230	E14	45mm	78mm	20000	470	2700K	360	No
<b>EDLED/FG45/3BC/DIM</b>	3	230	B22	45mm	73mm	20000	470	2700K	360	Yes
<b>EDLED/FG45/3ES/DIM</b>	3	230	E27	45mm	73mm	20000	470	2700K	360	Yes
<b>EDLED/FG45/3SBC/DIM</b>	3	230	B15	45mm	78mm	20000	470	2700K	360	Yes
<b>EDLED/FG45/3SES/DIM</b>	3	230	E14	45mm	78mm	20000	470	2700K	360	Yes



**Energy Saving Values**  
per lamp over 20,000 hours

**£64.96**

1.8W LED Golfball = £5.04  
25W Incandescent  
Golfball = £70.00



**Energy Saving Values**  
per lamp over 20,000 hours

**£103.60**

3W LED Golfball = £8.40  
40W Incandescent  
Golfball = £112.00



# Filament GLS

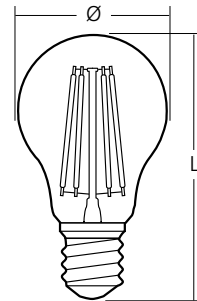


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 90% energy savings
- No UV output
- Suitable replacement for a 25W, 40W & 60W incandescent lamp
- Gives a sparkling effect
- Dimmable and non-dimmable versions available

**2YR**  
GUARANTEE

ref	W	V	⦿	∅	L	🕒	☀️	🌈	⚙️	⚠️
<b>EDLED/FGLS3.5BC</b>	3.5	230	B22	60mm	108mm	20000	420	2700K	360	No
<b>EDLED/FGLS3.5ES</b>	3.5	230	E27	60mm	108mm	20000	420	2700K	360	No
<b>EDLED/FGLS3.5BC/DIM</b>	3.5	230	B22	60mm	108mm	20000	420	2700K	360	Yes
<b>EDLED/FGLS3.5ES/DIM</b>	3.5	230	E27	60mm	108mm	20000	420	2700K	360	Yes
<b>EDLED/FGLS6BC</b>	6	230	B22	60mm	108mm	20000	600	2700K	360	No
<b>EDLED/FGLS6ES</b>	6	230	E27	60mm	108mm	20000	600	2700K	360	No
<b>EDLED/FGLS6BC/DIM</b>	6	230	B22	60mm	108mm	20000	600	2700K	360	Yes
<b>EDLED/FGLS6ES/DIM</b>	6	230	E27	60mm	108mm	20000	600	2700K	360	Yes
<b>EDLED/FGLS8.5BC</b>	8.5	230	B22	60mm	108mm	20000	850	2700K	360	No
<b>EDLED/FGLS8.5ES</b>	8.5	230	E27	60mm	108mm	20000	850	2700K	360	No
<b>EDLED/FGLS8.5BC/DIM</b>	8.5	230	B22	60mm	108mm	20000	850	2700K	360	Yes
<b>EDLED/FGLS8.5ES/DIM</b>	8.5	230	E27	60mm	108mm	20000	850	2700K	360	Yes



Energy Saving Values per lamp over 20,000 hours

**£60.20**

3.5W LED GLS = £9.80  
25W Incandescent GLS = £70.00

Energy Saving Values per lamp over 20,000 hours

**£95.20**

6W LED GLS = £16.80  
40W Incandescent GLS = £112.00

Energy Saving Values per lamp over 20,000 hours

**£144.20**

8.5W LED GLS = £23.80  
60W Incandescent GLS = £168.00

NEW  
ARRIVAL

# Filament GLS Crown Silver

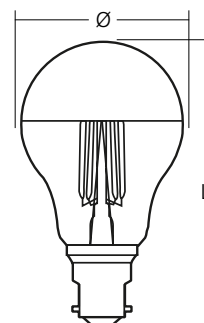


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 85% energy savings
- No UV output
- Suitable replacement for a 40W incandescent crown silver lamp

**2YR**  
GUARANTEE

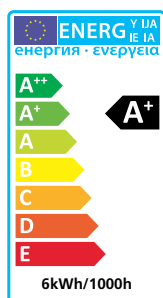
ref	W	V		Ø	L					
<b>EDLED/FGLS6BC/CS</b>	6	230	B22	60mm	108mm	20000	540	2700K	360	No
<b>EDLED/FGLS6ES/CS</b>	6	230	E27	60mm	108mm	20000	540	2700K	360	No



Energy Saving Values  
per lamp over 20,000 hours

**£95.20**

6W LED GLS = £16.80  
40W Incandescent  
GLS = £112.00



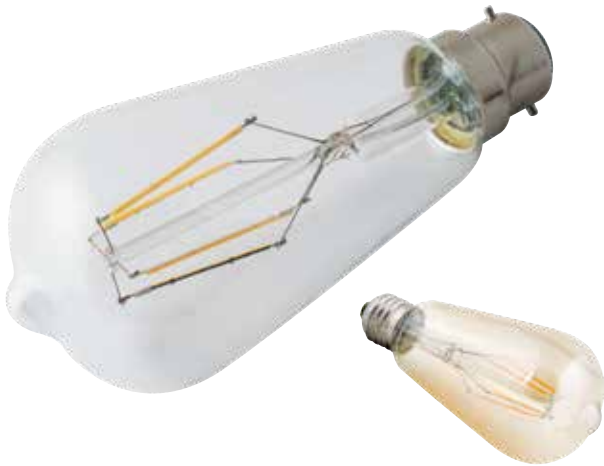
RoHS





# Filament ST58 & ST64

## Squirrel Cage

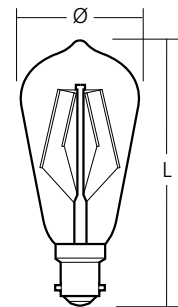


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 95% energy savings
- No UV output
- Suitable replacement for a 40W & 60W incandescent squirrel cage lamp
- Clear and Amber versions available
- Dimmable and non-dimmable versions available

**2YR**  
GUARANTEE

ref	W	V	⦿	∅	L	🕒	☀️	🌈	♻️	⚠️
<b>EDLED/FST58/4BC</b>	4	230	B22	58mm	132mm	20000	400	2200K	360	No
<b>EDLED/FST58/4ES</b>	4	230	E27	58mm	132mm	20000	400	2200K	360	No
<b>EDLED/FST58/4BC/DIM</b>	4	230	B22	58mm	132mm	20000	400	2200K	360	Yes
<b>EDLED/FST58/4ES/DIM</b>	4	230	E27	58mm	132mm	20000	400	2200K	360	Yes
<b>EDLED/FST58A/4BC*</b>	4	230	B22	58mm	132mm	20000	320	2200K	360	No
<b>EDLED/FST58A/4ES*</b>	4	230	E27	58mm	132mm	20000	320	2200K	360	No
<b>EDLED/FST58A/4BC/DIM*</b>	4	230	B22	58mm	132mm	20000	320	2200K	360	Yes
<b>EDLED/FST58A/4ES/DIM*</b>	4	230	E27	58mm	132mm	20000	320	2200K	360	Yes
<b>EDLED/FST64/4BC</b>	4	230	B22	64mm	142mm	20000	400	2200K	360	No
<b>EDLED/FST64/4ES</b>	4	230	E27	64mm	142mm	20000	400	2200K	360	No
<b>EDLED/FST64/4BC/DIM</b>	4	230	B22	64mm	142mm	20000	400	2200K	360	Yes
<b>EDLED/FST64/4ES/DIM</b>	4	230	E27	64mm	142mm	20000	400	2200K	360	Yes
<b>EDLED/FST64A/4BC*</b>	4	230	B22	64mm	142mm	20000	320	2200K	360	No
<b>EDLED/FST64A/4ES*</b>	4	230	E27	64mm	142mm	20000	320	2200K	360	No
<b>EDLED/FST64A/4BC/DIM*</b>	4	230	B22	64mm	142mm	20000	320	2200K	360	Yes
<b>EDLED/FST64A/4ES/DIM*</b>	4	230	E27	64 mm	142mm	20000	320	2200K	360	Yes



\* Amber version

Energy Saving Values  
per lamp over 20,000 hours

**£100.80**

4W LED ST58 = £11.20  
40W Incandescent  
Squirrel Cage = £112.00

Clear      Amber

4kWh/1000h      4kWh/1000h



NEW  
ARRIVAL

# Filament Amber Globe

95mm & 125mm

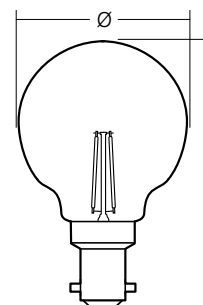


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 90% energy savings
- No UV output
- Suitable replacement for a 40W & 60W incandescent globe

**2YR**  
GUARANTEE

ref	W	V		Ø	L					
<b>EDLED/FG95A/4BC/DIM</b>	4	230	B22	95mm	140mm	20000	320	2200K	360	Yes
<b>EDLED/FG95A/4ES/DIM</b>	4	230	E27	95mm	140mm	20000	320	2200K	360	Yes
<b>EDLED/FG125A/4BC/DIM</b>	4	230	B22	125mm	170mm	20000	320	2200K	360	Yes
<b>EDLED/FG125A/4ES/DIM</b>	4	230	E27	125mm	170mm	20000	320	2200K	360	Yes



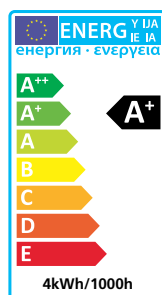
RoHS



Energy Saving Values  
per lamp over 20,000 hours

**£100.80**

4W LED 95mm Globe = £11.20  
40W Incandescent  
95mm Globe = £112.00



# Filament Cooker Hood

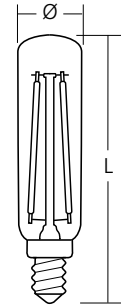


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 95% energy savings
- No UV output
- Suitable replacement for a 40W cooker hood lamp

**2YR**  
GUARANTEE

ref	W	V		Ø	L					
<b>EDLED/FHOODESES</b>	2	230	E14	25mm	84mm	20000	180	2700K	360	No



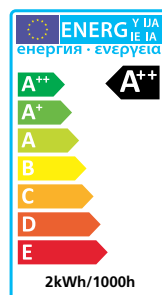
RoHS



Energy Saving Values  
per lamp over 20,000 hours

**£106.40**

2W LED cooker hood = £5.60  
40W Incandescent  
cooker hood = £112.00









## Reflector Range

Fusion Lamps reflector series are a great replacement for traditional R39, R50, R63 and R80 products. The lightweight thermo plastic and super high brightness SMD LED provide the optimal energy saving solution for all types of reflector applications.





NEW ARRIVAL

# Essential Range Reflector

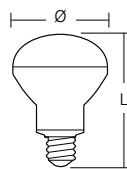


**1YR**  
GUARANTEE

### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 95% energy savings
- No UV output
- Suitable replacements for R39/30W, R50/40W, R63/60W & R80/60W incandescent lamps
- Ideal for bedrooms, living rooms and other domestic applications

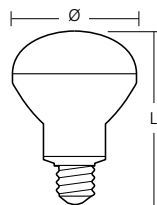
ref	W	V		Ø	L					
<b>FR39</b>	2.5	230	E14	39mm	67mm	15000	215	2700K	110	No
<b>FR50</b>	5	230	E14	50mm	85mm	15000	400	2700K	110	No
<b>FR63</b>	7	230	E27	63mm	104mm	15000	640	2700K	110	No
<b>FR80</b>	10	230	E27	80mm	115mm	15000	806	2700K	110	No



Energy Saving Values per lamp over 15,000 hours

**£57.75**

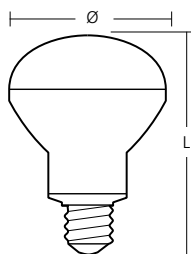
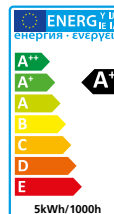
2.5W LED R39 = £5.25  
30W Incandescent R39 = £63.00



Energy Saving Values per lamp over 15,000 hours

**£73.50**

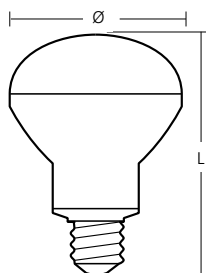
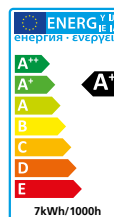
5W LED R50 = £10.50  
40W Incandescent R50 = £84.00



Energy Saving Values per lamp over 15,000 hours

**£111.30**

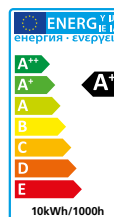
7W LED R63 = £14.70  
60W Incandescent R63 = £126.00



Energy Saving Values per lamp over 15,000 hours

**£105.00**

10W LED R80 = £21.00  
60W Incandescent R80 = £126.00



# Reflector

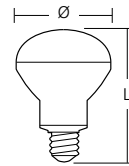


**3YR**  
GUARANTEE

### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 90% energy savings
- No UV output
- Suitable replacements for R39/30W, R50/40W, R63/60W & R80/60W incandescent lamps
- Dimmable and non-dimmable versions available

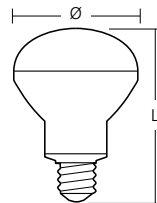
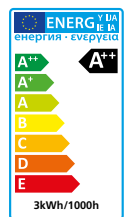
ref	W	V	⌀	L	☀	☀	🌈	♻️	🔍
<b>CRLED/R39</b>	3	230	E14	39mm	67mm	30000	230	3000K	100 No
<b>CRLED/R50</b>	5	230	E14	50mm	86mm	30000	400	3000K	100 No
<b>CRLED/R50/DIM</b>	5	230	E14	50mm	86mm	30000	400	3000K	100 Yes
<b>CRLED/R63</b>	8	230	E27	63mm	106mm	30000	640	3000K	100 No
<b>CRLED/R63/DIM</b>	8	230	E27	63mm	106mm	30000	640	3000K	100 Yes
<b>CRLED/R80</b>	10	230	E27	80mm	116mm	30000	810	3000K	100 No
<b>CRLED/R80/DIM</b>	10	230	E27	80mm	116mm	30s000	810	3000K	100 Yes



Energy Saving Values  
per lamp over 30,000 hours

**£113.40**

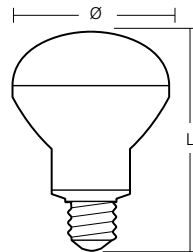
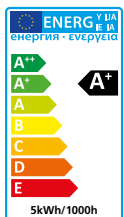
3W LED R39 = £12.60  
30W Incandescent R39 = £126.00



Energy Saving Values  
per lamp over 30,000 hours

**£147.00**

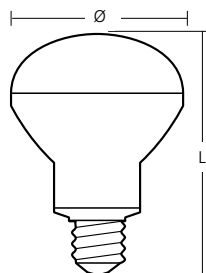
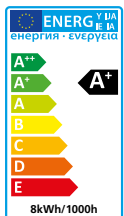
5W LED R50 = £21.00  
40W Incandescent R50 = £168.00



Energy Saving Values  
per lamp over 30,000 hours

**£218.40**

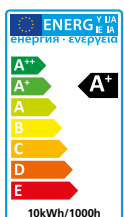
8W LED R63 = £33.60  
60W Incandescent R63 = £252.00



Energy Saving Values  
per lamp over 30,000 hours

**£210.00**

10W LED R80 = £42.00  
60W Incandescent R80 = £252.00





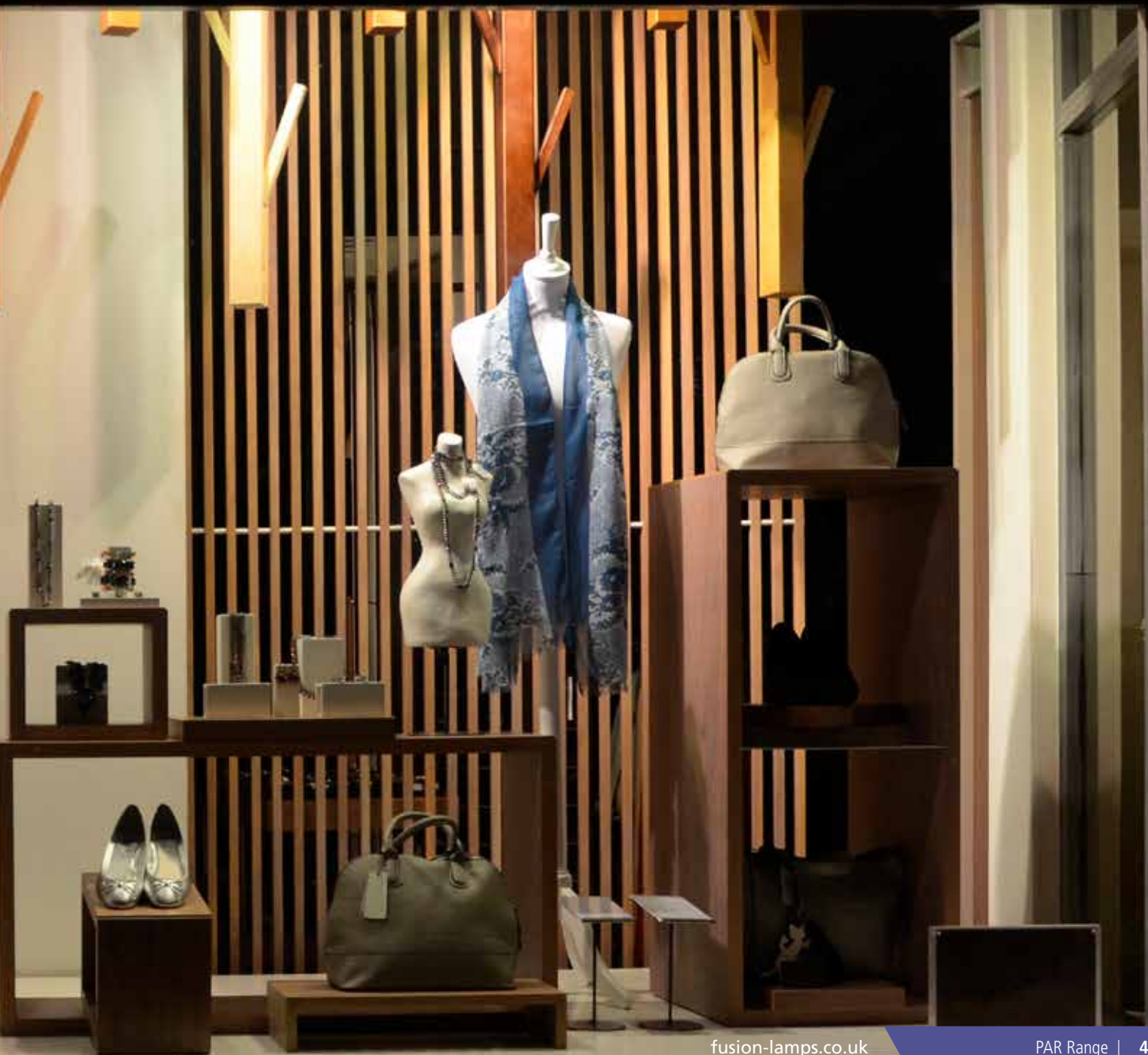


# PAR Range

Fusion Lamps PAR range is ideal for replacing traditional halogen lamps. Our unique designs give total versatility, allowing replacement of lamps in applications from track lighting through to garden spikes.









# PAR16

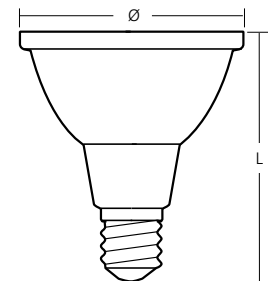


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 90% energy savings
- No UV output
- Suitable replacement for a 40W halogen lamp

**2YR**  
GUARANTEE

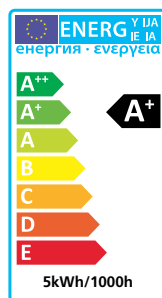
ref	W	V		Ø	L					
CRLED/PAR16SES	5	230	E14	50mm	72mm	20000	400	3000K	38	No



Energy Saving Values  
per lamp over 20,000 hours

**£98.00**

5W LED PAR16 = £14.00  
40W Halogen  
PAR16 = £112.00





# PAR20

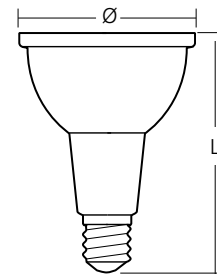


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 90% energy saving
- No UV output
- Suitable replacement for a 50W halogen lamp
- Suitable for outdoor use in a certified IP rated fitting

**3YR**  
GUARANTEE

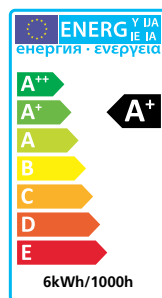
ref	W	V		Ø	L					
<b>CRLED/PAR20</b>	6	230	E27	63mm	89mm	30000	400	3000K	24	No
<b>CRLED/PAR20/DIM</b>	6	230	E27	63mm	89mm	30000	400	3000K	24	Yes



Energy Saving Values  
per lamp over 30,000 hours

**£184.80**

6W LED PAR20 = £25.20  
50W Halogen  
PAR20 = £210.00



# PAR30

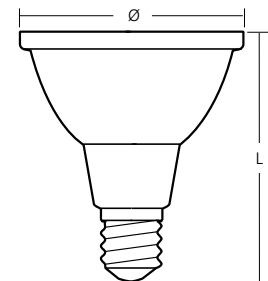


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 90% energy savings
- No UV output
- Suitable replacement for a 75W halogen lamp
- Suitable for outdoor use in a certified IP rated fitting



ref	W	V		Ø	L					
<b>CRLED/PAR30</b>	10	230	E27	97mm	98mm	30000	720	3000K	30	No
<b>CRLED/PAR30/DIM</b>	10	230	E27	97mm	98mm	30000	720	3000K	30	Yes



Energy Saving Values  
per lamp over 30,000 hours

**£273.00**

10W LED PAR30 = £42.00  
75W Halogen  
PAR30 = £315.00

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A++  
A+ **A+**  
A  
B  
C  
D  
E

10kWh/1000h



# PAR38

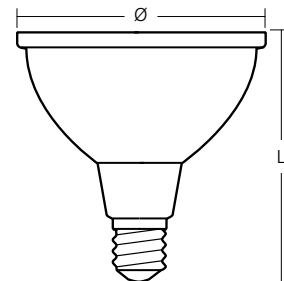


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 90% energy savings
- No UV output
- Suitable replacement for a 80W to 120W incandescent lamp
- Suitable for outdoor use in a certified IP rated fitting

**3YR**  
GUARANTEE

ref	W	V		Ø	L					
<b>CRLED/PAR38</b>	15	230	E27	122mm	135mm	30000	1030	3000K	30	No
<b>CRLED/PAR38/DIM</b>	15	230	E27	122mm	135mm	30000	1030	3000K	30	Yes
<b>CRLED/PAR38 110V</b>	15	110	E27	122mm	135mm	30000	1030	3000K	30	No



Energy Saving Values  
per lamp over 30,000 hours

**£441.00**

15W LED PAR38 = £63.00  
120W Halogen  
PAR38 = £504.00

ENERGY LABEL

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A++  
A+  
A  
B  
C  
D  
E

**A**

15kWh/1000h





## Globe Range

Fusion Lamps Globes offer a great replacement for decorative lamps. The glass opal globe gives a true incandescent like appearance, with unrivaled brightness and light quality.





# Globe

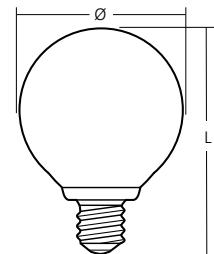


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 90% energy savings
- No UV output
- Suitable replacement for a 60W incandescent lamp

**2YR**  
GUARANTEE

ref	W	V		Ø	L					
<b>EDLED/G95BC</b>	8	230	B22	95mm	140mm	20000	700	2700K	360	No
<b>EDLED/G95ES</b>	8	230	E27	95mm	140mm	20000	700	2700K	360	No



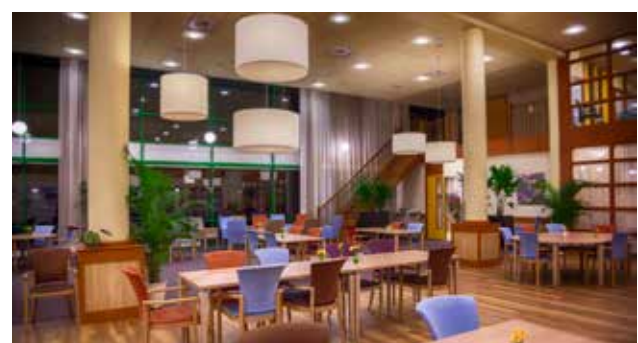
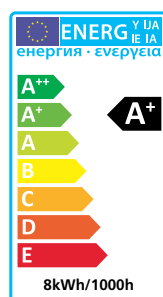
RoHS



Energy Saving Values  
per lamp over 25,000 hours

**£182.00**

8W LED G95 = £28.00  
60W Incandescent  
G95 = £210.00







## GU10 Range

Fusion Lamps comprehensive GU10 range uses the latest technology and the highest quality materials. Offering unbeatable light output and performance, our products provide genuine retrofit replacements for 35 Watt to 50 Watt halogen lamps. The latest LED chip and technologies are used with innovative optical solutions to give a single lit element, replicating the effect of a halogen lamp.





# 4W GU10 Mini

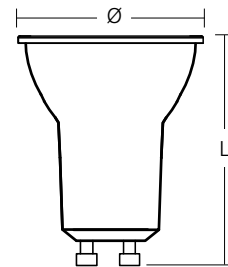


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 90% energy savings
- No UV output
- Suitable replacements for 35W halogen lamps
- Ideal for kitchens, living rooms and other domestic applications

**2YR**  
GUARANTEE

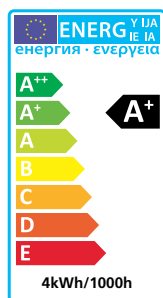
ref	W	V		Ø	L					
<b>FGU10/PAR11WW</b>	4	230	GU10	34mm	49mm	20000	320	3000K	38	No



Energy Saving Values  
per lamp over 20,000 hours

**£86.80**

4W LED GU10 = £11.20  
35W Halogen GU10 = £98.00





NEW  
ARRIVAL

Essential Range  
**3W GU10**  
10 Pack

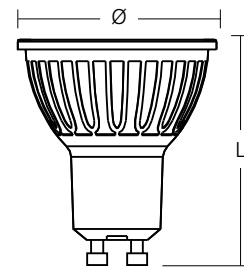


**Features and Benefits**

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 95% energy savings
- No UV output
- Suitable replacements for 35W halogen lamps
- Ideal for kitchens, living rooms and other domestic applications

**2YR**  
GUARANTEE

ref	W	V		Ø	L					
<b>FGU10/WW/10P</b>	3	230	GU10	50mm	56mm	20000	250	3000K	38	No
<b>FGU10/CW/10P</b>	3	230	GU10	50mm	56mm	20000	260	4000K	38	No



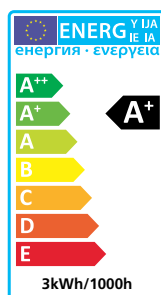
RoHS



Energy Saving Values  
per lamp over 20,000 hours

**£89.60**

3W LED GU10 = £8.40  
35W Halogen GU10 = £98.00



Essential Range  
**5W GU10**  
 10 Pack

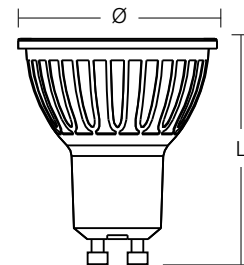


**Features and Benefits**

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 90% energy savings
- No UV output
- Suitable replacement for a 50W halogen lamp
- Ideal for kitchens, living rooms and other domestic applications

**2YR**  
 GUARANTEE

ref	W	V	⚡	∅	L	🕒	☀️	🌈	♻️	👁️
<b>FGU10/5WW/10P</b>	5	230	GU10	50mm	56mm	20000	350	3000K	38	No
<b>FGU10/5CW/10P</b>	5	230	GU10	50mm	56mm	20000	355	4000K	38	No
<b>FGU10/5DW/10P</b>	5	230	GU10	50mm	56mm	20000	360	6000K	38	No



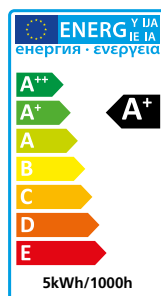
RoHS



Energy Saving Values  
 per lamp over 20,000 hours

**£126.00**

5W LED GU10 = £14.00  
 50W Halogen GU10 = £140.00



NEW  
ARRIVAL

# Essential Range 4W GU10

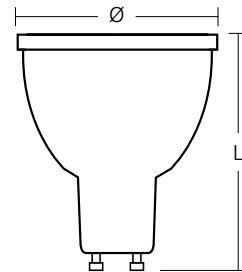


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 95% energy savings
- No UV output
- Suitable replacement for a 50W halogen lamp
- Ideal for kitchens, living rooms and other domestic applications

**2YR**  
GUARANTEE

ref	W	V		Ø	L					
<b>FGU10/WW</b>	4	230	GU10	50mm	55mm	20000	310	3000K	30	No
<b>FGU10/CW</b>	4	230	GU10	50mm	55mm	20000	330	4000K	30	No
<b>FGU10/DW</b>	4	230	GU10	50mm	55mm	20000	350	6000K	30	No



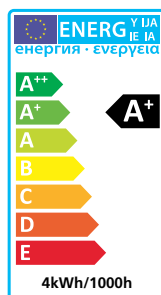
RoHS



Energy Saving Values  
per lamp over 20,000 hours

**£128.80**

4W LED GU10 = £11.20  
50W Halogen GU10 = £140.00



Essential Range  
**4W GU10**  
 Dimmable

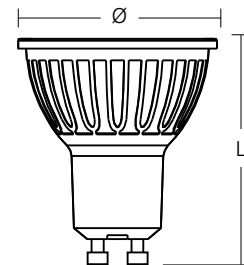


**Features and Benefits**

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 95% energy savings
- No UV output
- Suitable replacement for a 50W halogen lamp
- Ideal for kitchens, living rooms and other domestic applications

**2YR**  
 GUARANTEE

ref	W	V	Ⓛ	∅	L	🕒	☀️	🌈	♻️	⚠️
<b>FGU10/WW/D</b>	4	230	GU10	50mm	56mm	20000	350	3000K	38	Yes
<b>FGU10/CW/D</b>	4	230	GU10	50mm	56mm	20000	355	4000K	38	Yes
<b>FGU10/DW/D</b>	4	230	GU10	50mm	56mm	20000	360	6000K	38	Yes



Energy Saving Values  
 per lamp over 20,000 hours

**£128.80**

4W LED GU10 = £11.20  
 50W Halogen GU10 = £140.00

ENERGY LABEL

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A++  
 A+ **A+**  
 A  
 B  
 C  
 D  
 E

4kWh/1000h



# 4W GU10 Wide Flood

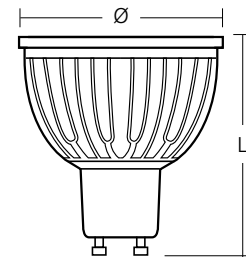


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 95% energy savings
- No UV output
- Suitable replacement for a 50W halogen lamp
- Ideal for general lighting due to wide beam angle (i.e. quad fittings, track lights and wall wash fittings)
- Dimmable and non-dimmable versions available

**2YR**  
GUARANTEE

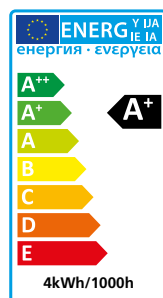
ref	W	V		Ø	L					
<b>EDLED/GU10WF/4WW</b>	4	230	GU10	50mm	56mm	20000	340	3000K	110	No
<b>EDLED/GU10WF/4CW</b>	4	230	GU10	50mm	56mm	20000	350	4000K	110	No
<b>EDLED/GU10WF/4DW</b>	4	230	GU10	50mm	56mm	20000	360	6000K	110	No
<b>EDLED/GU10WF/4WW/DIM</b>	4	230	GU10	50mm	56mm	20000	340	3000K	110	Yes
<b>EDLED/GU10WF/4CW/DIM</b>	4	230	GU10	50mm	56mm	20000	350	4000K	110	Yes
<b>EDLED/GU10WF/4DW/DIM</b>	4	230	GU10	50mm	56mm	20000	360	6000K	110	Yes



Energy Saving Values  
per lamp over 20,000 hours

**£128.80**

4W LED GU10 = £11.20  
50W Halogen GU10 = £140.00





# 5W GU10 Colour Switch

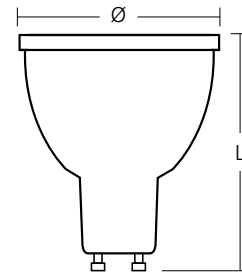


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 90% energy savings
- No UV output
- Suitable replacement for a 50W halogen lamp
- **Changing the Colour Temperature**  
Turn the lamp on and off again with less than 10 second intervals to cycle through the colour temperature options, 2700K, 4000K, 6000K.

**2YR**  
GUARANTEE

ref	W	V	Light Bulb Icon	Ø	L	Light Bulb with Tick Icon	Light Bulb with Sun Icon	Color Wheel Icon	Recycling Icon	RoHS Icon
EDLED/GU10/WCD	5	230	GU10	50mm	56mm	25000	400	2700K / 4000K / 6000K	110	No



Scan here to see a YouTube video of this product.



Warm White  
(2700K)

Cool White  
(4000K)

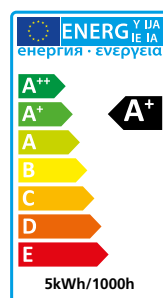
Daylight White  
(6000K)



**Energy Saving Values per lamp over 25,000 hours**

**£157.50**

5W LED GU10 = £17.50  
50W Halogen GU10 = £175.00



NEW  
ARRIVAL

# 5W Glass GU10

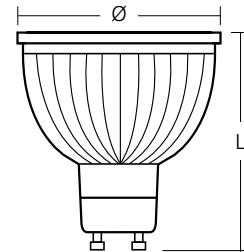


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 90% energy savings
- No UV output
- Suitable replacement for a 50W halogen lamp
- Looks just like a halogen GU10
- Dimmable and non-dimmable versions available

**2YR**  
GUARANTEE

ref	W	V		Ø	L					
<b>FGU10/G/WW</b>	5	230	GU10	50mm	53mm	20000	500	3000K	38	No
<b>FGU10/G/CW</b>	5	230	GU10	50mm	53mm	20000	520	4000K	38	No
<b>FGU10/G/WW/D</b>	5	230	GU10	50mm	53mm	20000	500	3000K	38	Yes
<b>FGU10/G/CW/D</b>	5	230	GU10	50mm	53mm	20000	520	4000K	38	Yes



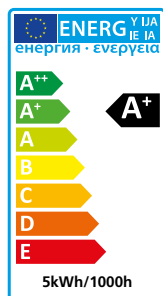
RoHS



Energy Saving Values  
per lamp over 20,000 hours

**£126.00**

5W LED GU10 = £14.00  
50W Halogen GU10 = £140.00



# 5W GU10 Flood & Wide Flood



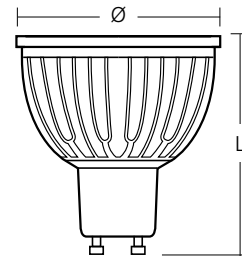
### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 90% energy savings
- No UV output
- Equivalent replacement for a 50W halogen lamp
- Up to 108 lumen per watt
- Dimmable and non-dimmable versions available



**One of the highest lumen per watt GU10's in the industry!**

ref	W	V	Ⓛ	∅	L	☾	☀	🌈	♻️	⚠️
<b>EDLED/GU10/5WW</b>	5	230	GU10	50mm	56mm	30000	500	3000K	38	No
<b>EDLED/GU10/5CW</b>	5	230	GU10	50mm	56mm	30000	520	4000K	38	No
<b>EDLED/GU10/5DW</b>	5	230	GU10	50mm	56mm	30000	540	6000K	38	No
<b>EDLED/GU10/5WW/DIM</b>	5	230	GU10	50mm	56mm	30000	500	3000K	38	Yes
<b>EDLED/GU10/5CW/DIM</b>	5	230	GU10	50mm	56mm	30000	520	4000K	38	Yes
<b>EDLED/GU10/5DW/DIM</b>	5	230	GU10	50mm	56mm	30000	540	6000K	38	Yes
<b>EDLED/GU10WF/5WW</b>	5	230	GU10	50mm	56mm	30000	500	3000K	60	No
<b>EDLED/GU10WF/5CW</b>	5	230	GU10	50mm	56mm	30000	520	4000K	60	No
<b>EDLED/GU10WF/5WW/DIM</b>	5	230	GU10	50mm	56mm	30000	500	3000K	60	Yes
<b>EDLED/GU10WF/5CW/DIM</b>	5	230	GU10	50mm	56mm	30000	520	4000K	60	Yes



**Energy Saving Values**  
per lamp over 30,000 hours

**£189.00**

5W LED GU10 = £21.00  
50W Halogen GU10 = £210.00

ENERGY LABEL  
A++  
5kWh/1000h





NEW  
ARRIVAL

# 7W 76mm GU10

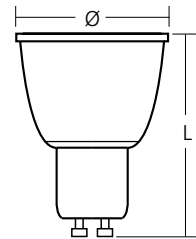


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 90% energy savings
- No UV output
- Suitable replacement for a 50W halogen lamp

**2YR**  
GUARANTEE

ref	W	V	⚡	∅	L	🕒	☀️	🌈	♻️	⚠️
<b>FGU10WW/76MM</b>	7	230	GU10	50mm	76mm	20000	550	3000K	100	No
<b>FGU10CW/76MM</b>	7	230	GU10	50mm	76mm	20000	560	4000K	100	No
<b>FGU10DW/76MM</b>	7	230	GU10	50mm	76mm	20000	570	6000K	100	No



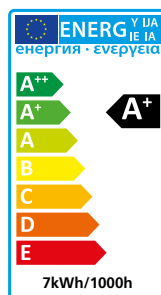
RoHS



Energy Saving Values  
per lamp over 20,000 hours

**£120.40**

7W LED GU10 = £19.60  
50W Halogen  
GU10 = £140.00



# MR11 & MR16 Range

Fusion Lamps comprehensive MR11 and MR16 range use the latest technology and the highest quality materials. Offering unbeatable light output and performance, our products provide genuine retrofit replacements for halogen lamps. SMD LED technologies are used with innovative optical solutions to give a halogen effect light appearance.







# 4W MR16

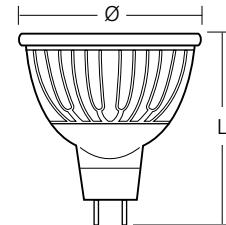


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 90% energy savings
- No UV output
- Suitable replacement for a 35W halogen lamp
- Broadly compatible with existing electromagnetic & electronic halogen transformers



ref	W	V		Ø	L					
<b>CRLED/MR16/4WW</b>	4	12	GU5.3	50mm	48mm	30000	380	3000K	38	No
<b>CRLED/MR16/4CW</b>	4	12	GU5.3	50mm	48mm	30000	390	4000K	38	No
<b>CRLED/MR16/4DW</b>	4	12	GU5.3	50mm	48mm	30000	400	6000K	38	No



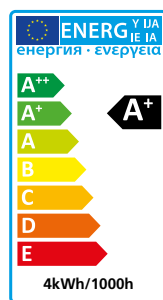
**Note:** Suitable for use with most standard 12V transformers.  
If not compatible, try our **LED DRIVER 18W** on page 119.



**Energy Saving Values per lamp over 30,000 hours**

**£130.20**

4W LED MR16 = £16.80  
35W Halogen MR16 = £147.00





NEW  
ARRIVAL

# 5W MR16

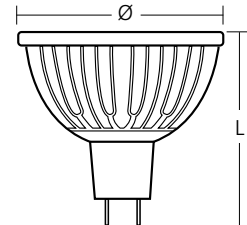


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 90% energy savings
- No UV output
- Suitable replacement for a 50W halogen lamp
- Broadly compatible with existing electromagnetic & electronic halogen transformers

**3YR**  
GUARANTEE

ref	W	V		Ø	L					
<b>CRLED/MR16/5WW</b>	5	12	GU5.3	50mm	48mm	30000	480	3000K	38	No
<b>CRLED/MR16/5CW</b>	5	12	GU5.3	50mm	48mm	30000	490	4000K	38	No
<b>CRLED/MR16/5DW</b>	5	12	GU5.3	50mm	48mm	30000	500	6000K	38	No



**Note:** Suitable for use with most standard 12V transformers.  
If not compatible, try our **LED DRIVER 18W** on page 119.



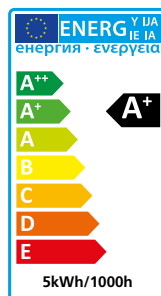
RoHS



Energy Saving Values  
per lamp over 30,000 hours

**£189.00**

5W LED MR16 = £21.00  
50W Halogen MR16 = £210.00



# 5W MR16 Dimmable Kit



### Features and Benefits

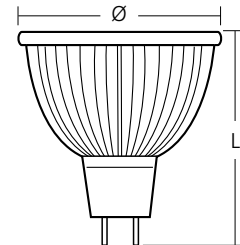
- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 85% energy savings
- No UV output
- Suitable replacement for a 50W halogen lamp
- Dimmable (when used in conjunction with included driver)



ref	W	V	⚡	∅	L	🕒	☀️	🌈	⚠️	♻️
<b>EDLEDKIT/DIM</b>	5	230*	GU5.3	50mm	50mm	30000	300	4000K	38	Yes
<b>EDLEDKIT/DIM/WW</b>	5	230*	GU5.3	50mm	50mm	30000	430	3000K	38	Yes

**Note:** Image shown is for illustrative purposes only - product subject to slight change.

\*230V supply to driver, 24V supply to lamp from driver.



**Energy Saving Values  
per lamp over 30,000 hours**

**£189.00**

5W LED MR16 = £21.00  
50W Halogen MR16 = £210.00

ENERGY LABEL

энергия - энергия

A++  
A+ **A+**  
A  
B  
C  
D  
E

5kWh/1000h

# 7W MR16

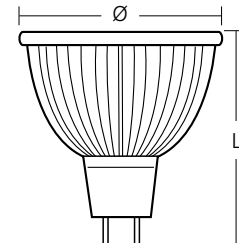


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 90% energy savings
- No UV output
- Equivalent replacement for a 50W halogen lamp
- Broadly compatible with existing electromagnetic & electronic halogen transformers



ref	W	V		Ø	L					
<b>CRLED/MR16/7WW</b>	7	12	GU5.3	50mm	50mm	30000	550	3000K	38	No
<b>CRLED/MR16/7CW</b>	7	12	GU5.3	50mm	50mm	30000	570	4000K	38	No
<b>CRLED/MR16/7DW</b>	7	12	GU5.3	50mm	50mm	30000	580	6000K	38	No



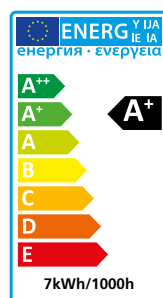
**Note:** Suitable for use with most standard 12V transformers.  
If not compatible, try our **LED DRIVER 18W** on page 119.



**Energy Saving Values  
per lamp over 30,000 hours**

**£180.60**

7W LED MR16 = £29.40  
50W Halogen MR16 = £210.00



# 4W MR11

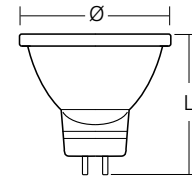


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Can operate AC/DC 12V
- Up to 90% energy savings
- No UV output
- Suitable replacement for a 20W & 35W halogen lampS

**3YR**  
GUARANTEE

ref	W	V		Ø	L					
<b>CRLED/MR11WW</b>	4	12	GU4	34mm	42mm	30000	300	3000K	38	No
<b>CRLED/MR11CW</b>	4	12	GU4	34mm	42mm	30000	320	4000K	38	No
<b>CRLED/MR11DW</b>	4	12	GU4	34mm	42mm	30000	330	6000k	38	No



**Note:** Suitable for use with most standard 12V transformers.  
If not compatible, try our **LED DRIVER 18W** on page 119.



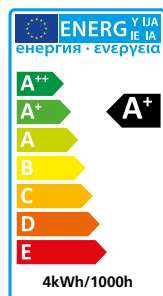
RoHS



Energy Saving Values  
per lamp over 30,000 hours

**£130.20**

4W LED MR11 = £16.80  
35W Halogen MR11 = £147.00



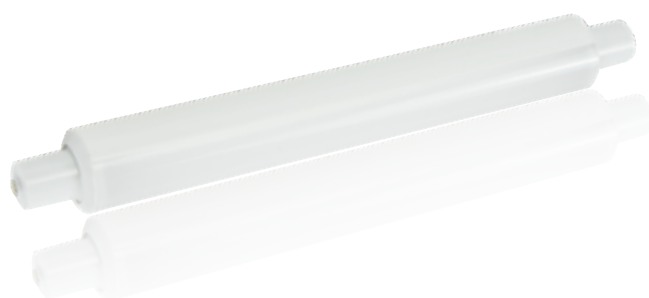






## Striplights & Architectural Range

Fusion Lamps offers 221mm/284mm LED strip lights and LED architectural lamps for replacement of incandescent or compact fluorescent striplights. These products are lightweight and offer great brightness, they are perfect for use in under cabinet lighting, shaver lights and picture lights.





NEW  
ARRIVAL

# 221mm & 284mm Striplights

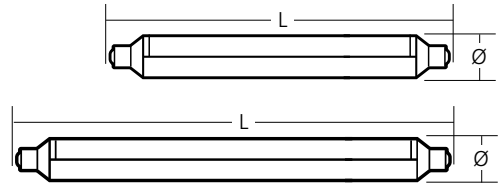


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 90% energy saving
- No UV output
- Suitable replacement for 30W or 60W incandescent striplights
- Ideal for retro fitting into picture lights, shaver lights and under cupboard lights

**2YR**  
GUARANTEE

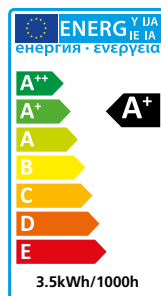
ref	W	V	⚡	∅	L	🕒	☀️	🌈	🔥	👁️
<b>CRLED/221</b>	3.5	230	S15s	26mm	221mm	20000	350	3000K	150	No
<b>CRLED/284</b>	5.5	230	S15s	26mm	284mm	20000	550	3000K	150	No



Energy Saving Values  
per lamp over 20,000 hours

**£74.20**

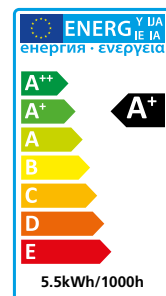
3.5W LED Striplight = £9.80  
30W Incandescent  
Striplight = £84.00



Energy Saving Values  
per lamp over 20,000 hours

**£152.60**

5.5W LED Striplight = £15.40  
60W Incandescent  
Striplight = £168.00



# 300mm & 500mm Architectural



EDLED/S14D/500MM



EDLED/S14S/500MM

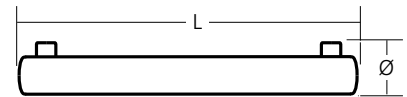
### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 90% energy saving
- No UV output
- Suitable replacement for 35W & 60W incandescent architectural lamps

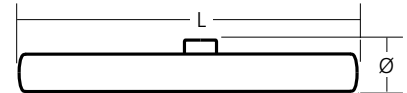


ref	W	V	⚡	∅	L	🕒	☀️	🌈	♻️	⚠️
<b>EDLED/S14D/300MM</b>	5	230	S14d	30mm	300mm	30000	350	3000K	120	No
<b>EDLED/S14D/500MM</b>	7	230	S14d	30mm	500mm	30000	450	3000K	120	No
<b>EDLED/S14S/300MM</b>	5	230	S14s	30mm	300mm	30000	350	3000K	120	No
<b>EDLED/S14S/500MM</b>	7	230	S14s	30mm	500mm	30000	450	3000K	120	No

S14S



S14D



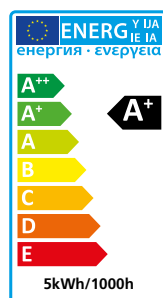
RoHS



Energy Saving Values  
per lamp over 30,000 hours

**£126.00**

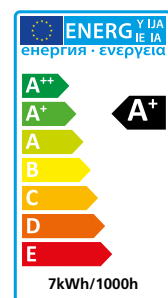
5W LED Architectural = £21.00  
35W Incandescent Architectural = £147.00



Energy Saving Values  
per lamp over 30,000 hours

**£222.60**

7W LED Architectural = £29.40  
60W Incandescent Architectural = £252.00









## AR111 Range

Fusion Lamps AR111 lamps use the latest SMD LED technology, with innovative optical solutions.



# 13 Watt AR111

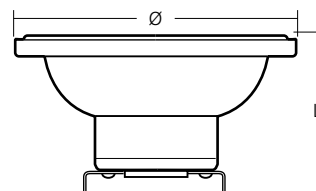


## Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 75% energy savings
- No UV output
- Suitable replacement for a 50W halogen lamp
- Ideal for retail and display lighting

**3YR**  
GUARANTEE

ref	W	V	⚡	∅	L	🌙	☀️	🌈	⚠️	🚫
<b>EDLED/AR111/13*</b>	13	12	G53	111mm	65mm	30000	1000	3000K	24	No
<b>EDLED/AR111/13/DIM**</b>	13	24	G53	111mm	65mm	30000	1000	3000K	24	Yes
<b>EDLED/AR111/13GU10</b>	13	230	GU10	111mm	73mm	30000	1000	3000K	24	No



### Note:

\* It is advised that an appropriate LED driver is used with this product.  
Try our **LED DRIVER 18W** on page 119.

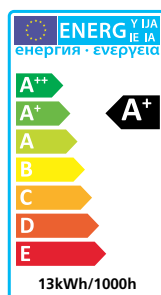
\*\* Supplied complete with dimmable driver - Lamp and driver **MUST** be used together.



Energy Saving Values  
per lamp over 30,000 hours

**£155.40**

13W LED AR111 = £54.60  
50W Halogen  
AR111 = £210.00







## Linear Range

Fusion Linear replacements use high brightness SMD LED to give great light output. Our products are suitable for use in a wide range of applications and are a perfect way to save energy.





# 78mm & 118mm Linear



CRLED/78



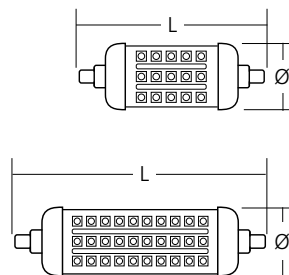
CRLED/118

### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 95% energy saving
- No UV output
- Instant start
- Suitable replacements for 120W and 400W halogen lamps
- Ideal for retro fitting into floodlights and uplighters



ref	W	V	⚡	∅	L	🕒	☀️	🌈	♻️	⚠️
<b>CRLED/78WW</b>	5	230	R7s	23.5mm	78mm	30000	450	3000K	360	No
<b>CRLED/118WW</b>	10	230	R7s	23.5mm	118mm	30000	1000	3000K	360	No
<b>CRLED/78</b>	5	230	R7s	23.5mm	78mm	30000	500	6000K	360	No
<b>CRLED/118</b>	10	230	R7s	23.5mm	118mm	30000	1050	6000K	360	No
<b>CRLED/118 110V</b>	10	110	R7s	23.5mm	118mm	30000	1050	6000K	360	No



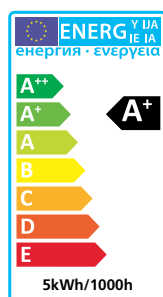
RoHS



Energy Saving Values  
per lamp over 30,000 hours

**£483.00**

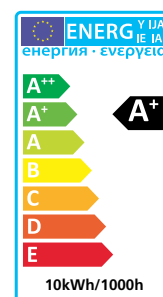
5W LED Linear = £21.00  
120W Linear  
Halogen = £504.00



Energy Saving Values  
per lamp over 30,000 hours

**£1638.00**

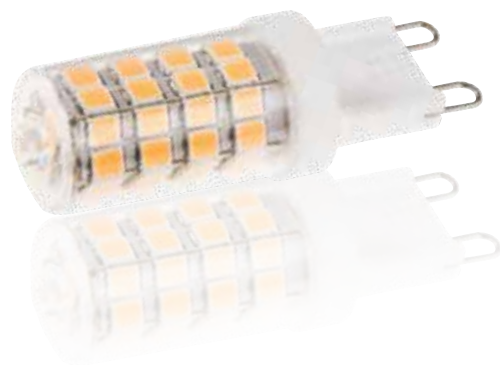
10W LED Linear = £42.00  
400W Linear  
Halogen = £1680.00





## GX53, G4, G9 & Pygmy Range

Fusion Lamps offers a series of LED lamps, including GX53, G4, G9 and pygmy types. These products are perfect for use in under cabinets, decorative and home appliance applications.



# GX53



### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 55% energy saving
- No UV output
- Retrofit size
- Suitable replacement for a 9W compact fluorescent lamp
- Ideal for use in under cupboard lighting and bedside table lamps

**2YR**  
GUARANTEE

ref	W	V	Light Bulb Icon	Ø	L	Light Bulb with Hourglass Icon	Light Bulb with Sun Icon	Light Bulb with Color Wheel Icon	Light Bulb with Triangle Icon	Light Bulb with Triangle Icon
<b>EDLED/GX53WW</b>	4	230	GX53	74mm	28mm	20000	400	3000K	140	No
<b>EDLED/GX53DW</b>	4	230	GX53	74mm	28mm	20000	420	6000K	140	No



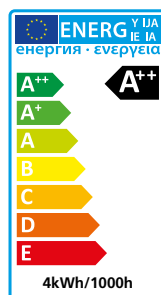
RoHS



Energy Saving Values  
per lamp over 30,000 hours

**£21.00**

4W LED GX53 = £16.80  
9W Compact Fluorescent  
GX53 = £37.80



# Essential Range

## G4 2-Pack



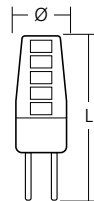
### Features and Benefits

- 10 super bright SMDs
- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 90% energy saving
- No UV output
- Retrofit size
- Suitable replacement for a 10W or 20W halogen lamp
- Ideal for kitchens, living rooms and other domestic applications

**1YR**  
GUARANTEE

ref	W	V	⚡	∅	L	🕒	☀️	🌈	♻️	⚠️
<b>FG4/2P</b>	2	12	G4	10mm	36mm	15000	200	3000K	330	No
<b>FG4CW/2P</b>	2	12	G4	10mm	36mm	15000	210	4000K	330	No

**Note:** Suitable for use with most standard 12V transformers.  
If not compatible, try our **LED DRIVER 18W** on page 119.



RoHS



Energy Saving Values  
per lamp over 15,000 hours

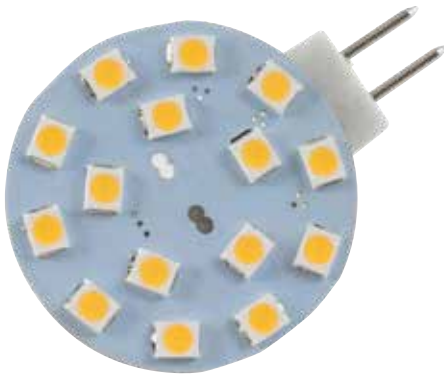
**£37.80**

2W LED G4 = £4.20  
20W Halogen G4 = £42.00





# G4 Flat



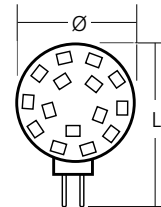
### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 85% energy saving
- No UV output
- Can operate AC/DC 12V
- Suitable replacement for a 20W halogen lamp
- Broadly compatible with existing electromagnetic & electronic halogen transformers

**2YR**  
GUARANTEE

ref	W	V	Base	Ø	L	Life	Temp	Color	Beam	UV
<b>EDLED/G4/3</b>	3	12	G4	28mm	39mm	20000	280	3000K	120	No

**Note:** Suitable for use with most standard 12V transformers.  
If not compatible, try our **LED DRIVER 18W** on page 119.



**Energy Saving Values**  
per lamp over 20,000 hours

**£47.60**

3W LED G4 = £8.40  
20W Halogen G4 = £56.00



# G4



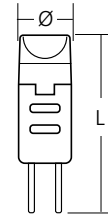
### Features and Benefits

- 4 super bright SMDs
- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 85% energy saving
- No UV output
- Can operate AC/DC 12V
- Suitable replacement for a 10W halogen lamp
- Broadly compatible with existing electromagnetic & electronic halogen transformers



ref	W	V		Ø	L					
<b>EDLED/G4</b>	1.5	12	G4	10mm	32mm	30000	110	3000K	350	No

**Note:** Suitable for use with most standard 12V transformers.  
If not compatible, try our **LED DRIVER 18W** on page 119.



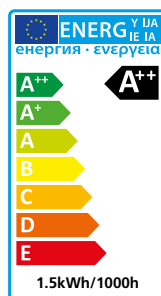
RoHS



Energy Saving Values  
per lamp over 30,000 hours

**£35.70**

1.5W LED G4 = £6.30  
10W Halogen G4 = £42.00



NEW  
ARRIVAL

# Essential Range

## G9 2-Pack

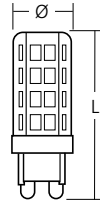


### Features and Benefits

- 51 super bright SMDs
- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 95% energy saving
- No UV output
- Retrofit size
- Suitable replacement for a 40W halogen lamp
- Ideal for use in general lighting in domestic applications

**1YR**  
GUARANTEE

ref	W	V	⚡	∅	L	🕒	☀️	🌈	♻️	⚠️
<b>FG9/2P</b>	3	230	G9	16mm	49mm	15000	300	3000K	330	No
<b>FG9CW/2P</b>	3	230	G9	16mm	49mm	15000	320	4000K	330	No



RoHS



Energy Saving Values  
per lamp over 15,000 hours

**£77.70**

3W LED G9 = £6.30  
40W Halogen G9 = £84.00



# G9

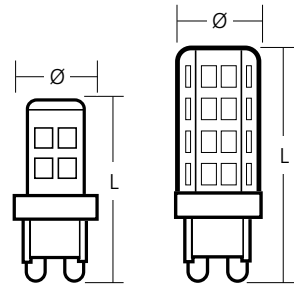


### Features and Benefits

- 17 & 51 super bright SMDs
- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 95% energy saving
- No UV output
- Suitable replacements for 25W and 40W halogen lamps



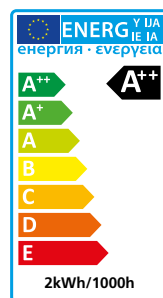
ref	W	V	Ⓛ	∅	L	⌚	☀	🌈	⚠	♻
<b>EDLED/G9/2</b>	2	230	G9	16mm	38mm	30000	220	3000K	275	No
<b>EDLED/G9/3</b>	3	230	G9	16mm	50mm	30000	370	3000K	230	No



**Energy Saving Values per lamp over 30,000 hours**

**£96.60**

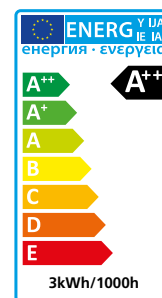
2W LED G9 = £8.40  
25W Halogen G9 = £105.00



**Energy Saving Values per lamp over 30,000 hours**

**£155.40**

3W LED G9 = £12.60  
40W Halogen G9 = £168.00





# Pygmy

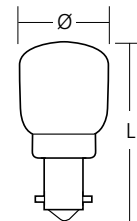


### Features and Benefits

- 6 & 9 Super-bright SMDS
- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 90% energy savings
- No UV output
- Suitable replacement for a 15W incandescent pygmy lamp
- Ideal for appliances (i.e. cooker hoods and fridges)



ref	W	V		Ø	L					
<b>EDLED/PT22SBC</b>	1.1	230	B15	22mm	49mm	30000	90	3000K	300	No
<b>EDLED/PT22SES</b>	1.1	230	E14	22mm	49mm	30000	90	3000K	300	No
<b>EDLED/PT25SBC</b>	1.4	230	B15	25mm	58mm	30000	130	3000K	300	No
<b>EDLED/PT25SES</b>	1.4	230	E14	25mm	58mm	30000	130	3000K	300	No
<b>EDLED/PT28BC</b>	1.6	230	B22	28mm	58mm	30000	150	3000K	300	No
<b>EDLED/PT28ES</b>	1.6	230	E27	28mm	58mm	30000	150	3000K	300	No



Energy Saving Values per lamp over 30,000 hours

**£58.38**

1.1W LED Pygmy = £4.62  
15W Incandescent Fridge Lamp = £63.00

1.1kWh/1000h

Energy Saving Values per lamp over 30,000 hours

**£162.12**

1.4W LED Pygmy = £5.88  
40W Incandescent Cookerhood Lamp = £168.00

1.4kWh/1000h

Energy Saving Values per lamp over 30,000 hours

**£56.28**

1.6W LED Pygmy = £6.72  
15W Incandescent Pygmy = £63.00

1.4kWh/1000h



## 2D Range

Fusion Lamps offer a comprehensive 2D range for replacement of fluorescent lighting. Our series comprises of both 2 pin and 4 pin versions, and products can be used to retrofit 16 Watt, 28 Watt and 38 Watt traditional lamps.



# 2D

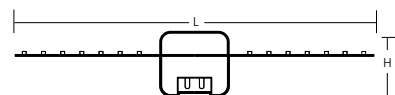


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- No UV Output
- Up to 50% energy savings
- Suitable replacements for 16W, 28W & 38W 2D fluorescent lamps
- Can be used with PIRs and other presence or light level detectors (lamp life is not reduced when used with PIRs, unlike fluorescent counterparts)
- Ideal for general lighting (eg; hotels, care homes, offices)

**3YR**  
GUARANTEE

ref	W	V		L	H					
<b>CRLED/2D8/2P</b>	8	230	GR8	140mm	33mm	30000	810	4000K	120	No
<b>CRLED/2D8/4P</b>	8	230	GR10q	140mm	33mm	30000	810	4000K	120	No
<b>CRLED/2D14/2P</b>	14	230	GR8	190mm	32mm	30000	1430	4000K	120	No
<b>CRLED/2D14/4P</b>	14	230	GR10q	190mm	32mm	30000	1430	4000K	120	No
<b>CRLED/2D18/4P</b>	18	230	GR10q	190mm	32mm	30000	1820	4000K	120	No



RoHS



**Energy Saving Values per lamp over 30,000 hours**

**£42.00**

8W LED 2D = £33.60  
16W 2D & Control Gear (2W) = £75.60

8kWh/1000h

**Energy Saving Values per lamp over 30,000 hours**

**£71.40**

14W LED 2D = £58.80  
28W 2D & Control Gear (3W) = £130.20

14kWh/1000h

**Energy Saving Values per lamp over 30,000 hours**

**£100.80**

18W LED 2D = £75.60  
38W 2D & Control Gear (4W) = £176.40

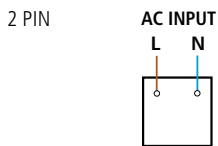
18kWh/1000h

# 2D LED Installation Guide

## 2D LED Replacement Installation

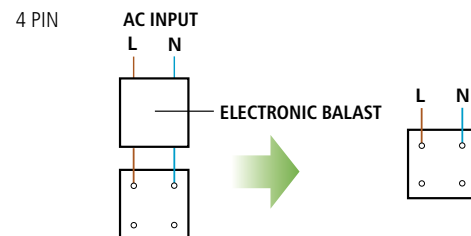
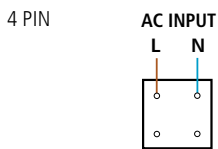
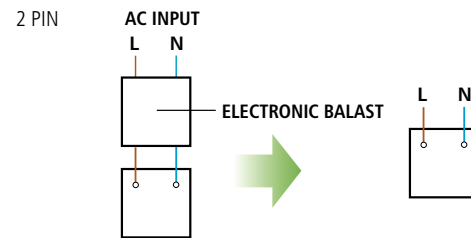
### New Installation

- i. Connect live and neutral to the pins on opposite sides as shown in the diagram below.
- ii. Install the LED 2D replacement into fixture.



### Retrofit Installation: High Frequency

Remove electronic ballast and wire as shown in the diagram below:



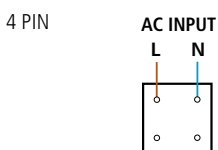
### Retrofit Installation: Switch Start

- i. Remove the fluorescent starter.
- ii. Install the LED 2D replacement into fixture.  
(For optimal energy savings, bypassing the ballast is recommended - see New Installation)

## 14W 2D LED 4 Pin with Built-in Microwave Sensor Installation

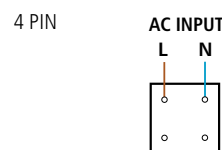
### New Installation

- i. Connect live and neutral to the pins on opposite sides as shown in the diagram below.
- ii. Install the LED 2D replacement into fixture.



### Retrofit Installation: Switch Start & High Frequency

Remove control gear and wire as shown in the diagram below:

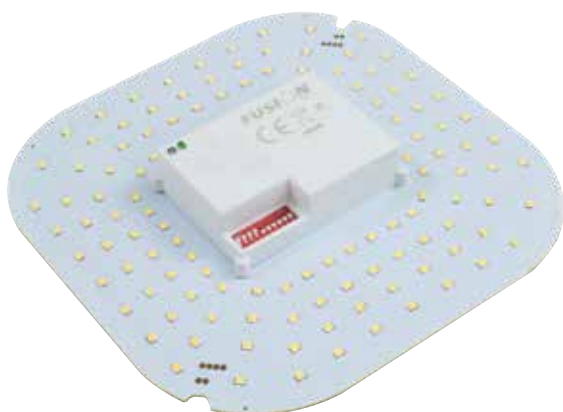




**NEW  
ARRIVAL**

# 14W 2D 4 Pin

## with Built-in Microwave Sensor

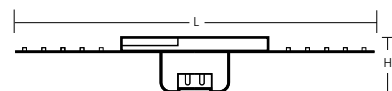


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- No UV Output
- Up to 50% energy savings
- Suitable replacement for a 28W fluorescent lamp
- Built-in microwave sensor with adjustable settings
- Ideal for general lighting (eg; hotels, care homes, offices)

**3YR**  
GUARANTEE

ref	W	V		H	L					
CRLED/2D14/4P/M	14	230	GR10q	32mm	190mm	30000	1400	4000K	120	No



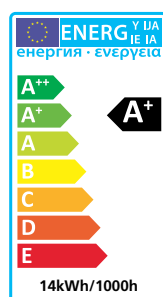
RoHS



Energy Saving Values  
per lamp over 30,000 hours

**£71.40**

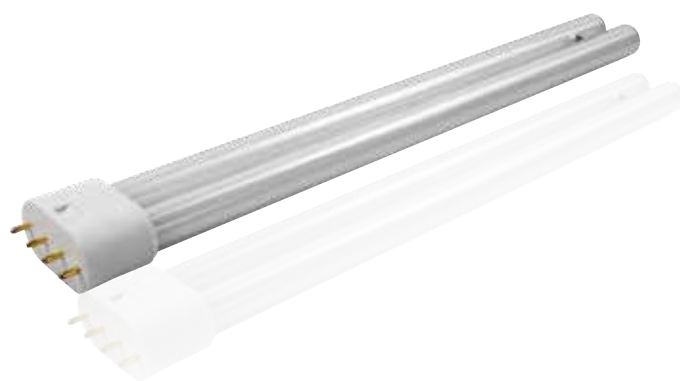
14W LED 2D = £58.80  
28W 2D & Control Gear  
(3W) = £130.20





## Compact Range

Fusion Lamps LED compact range offers both double compact and long compact replacements. Our products use the best quality SMD LED to ensure maximum brightness.



NEW  
ARRIVAL

# Double Compact

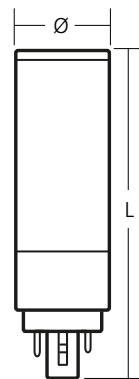


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 75% energy savings
- No UV output
- Rotating end cap
- Suitable replacement for 18W & 26W compact fluorescent lamp
- Ideal for use in downlights in commercial applications

**BYR**  
GUARANTEE

ref	W	V		Ø	L					
<b>CRLED/G24-2P</b>	8	230	G24 2-Pin	35mm	145mm	30000	900	4000K	200	No
<b>CRLED/G24-4P</b>	8	230	G24 4-Pin	35mm	145mm	30000	900	4000K	200	No



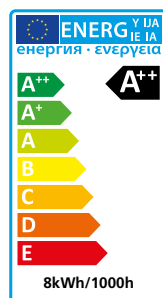
RoHS



Energy Saving Values  
per lamp over 30,000 hours

**£84.00**

8W LED Double Compact  
Replacement = £33.60  
26W Double Compact &  
Control Gear (2W) = £117.60



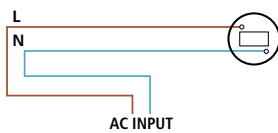
# Compact LED Installation Guide

## Double Compact LED Replacement Installation

### New Installation

- i. Connect live and neutral to the pins on opposite sides as shown in the diagram below.
- ii. Install the LED double compact replacement into fixture.

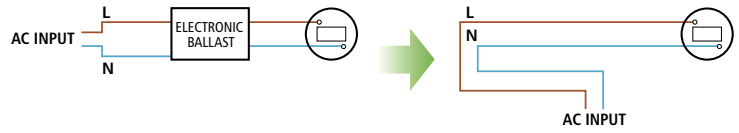
2 PIN



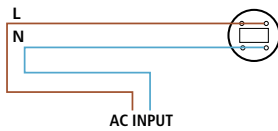
### Retrofit Installation: High Frequency

Remove electronic ballast and wire as shown in the diagram below:

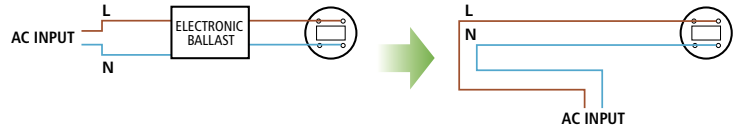
2 PIN



4 PIN



4 PIN



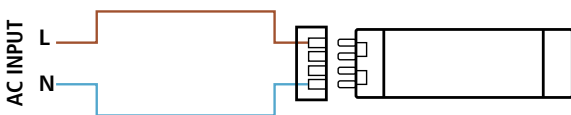
### Retrofit Installation: Switch Start

- i. Remove the fluorescent starter.
- ii. Install the LED double compact replacement into fixture.  
(For optimal energy savings, bypassing the ballast is recommended - see New Installation)

## Long Compact LED Replacement Installation

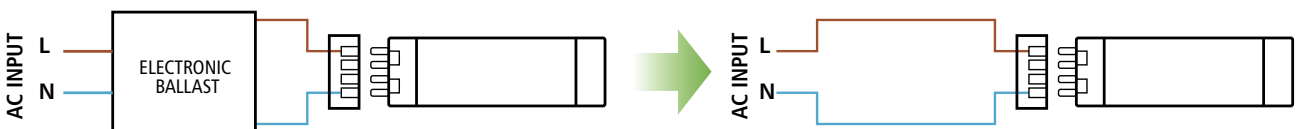
### New Installation

- i. Connect live and neutral to the end pins as shown in the diagram below.
- ii. Install the LED PLL into fixture.



### Retrofit Installation: High Frequency

Remove electronic ballast and wire as shown in the diagram below:



NB: Switch start control gear must be bypassed - see New Installation.



**NEW  
ARRIVAL**

# Long Compact

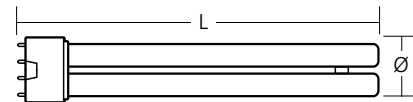


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 70% energy savings
- No UV output
- Suitable replacement for 18W - 55W compact fluorescent lamps
- Ideal for use in commercial and retail applications

**2YR**  
GUARANTEE

ref	W	V		Ø	L					
<b>EDLED/PLL7</b>	7	230	2G11	42mm	225mm	25000	720	4000K	200	No
<b>EDLED/PLL12</b>	12	230	2G11	42mm	320mm	25000	1080	4000K	200	No
<b>EDLED/PLL15</b>	15	230	2G11	42mm	415mm	25000	1440	4000K	200	No
<b>EDLED/PLL20</b>	20	230	2G11	42mm	535mm	25000	2200	4000K	200	No



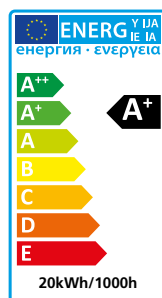
RoHS



Energy Saving Values  
per lamp over 25,000 hours

**£140.00**

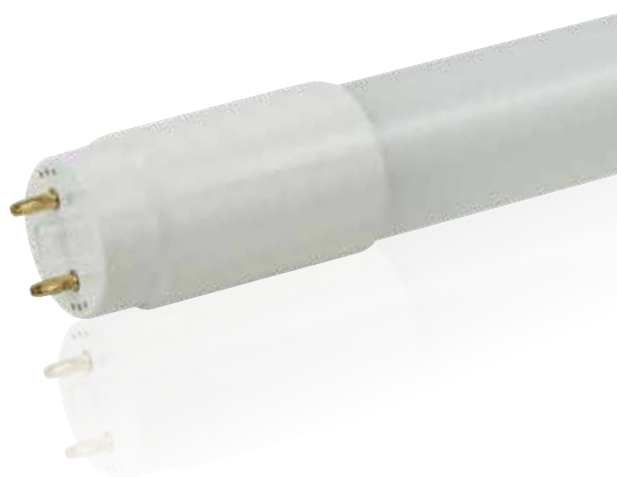
20W LED Long Compact  
Replacement = £70.00  
55W Long Compact & Control  
Gear (5W) = £210.00





## Tube Range

Fusion Lamps tube range offers easy to install solutions for the retrofit of fluorescent tubes. Our products use the latest high brightness SMD LED and advanced LED driver technology to guarantee product performance and lifetime.



NEW ARRIVAL

# T8 Glass Tubes

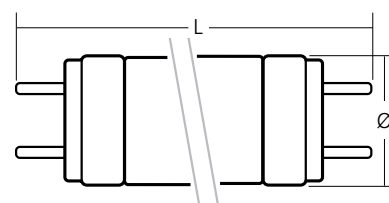


### Features and Benefits

- Long lamp life
- Up to 70% energy saving
- Built-in LED driver
- No UV output
- Light weight glass construction (2ft - 6ft) polycarbonate & aluminum (8ft)
- Ultra-wide beam spread
- Over current protection
- c/w LED starter for use in retro-fit installations
- Emergency Pack also available - see page 118

**BYR**  
GUARANTEE

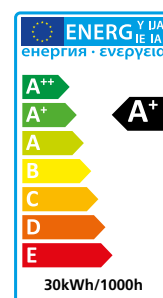
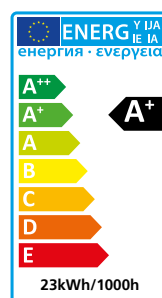
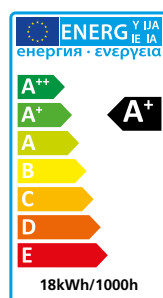
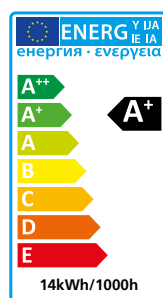
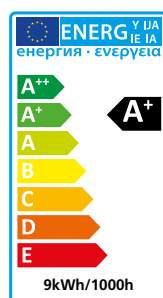
ref	W	V	⚡	Ø	L	🕒	☀️	🌈	♻️	⚠️
EDLEDTUBE/G2FT/WW	9	180-265	G13	28mm	600mm	30000	850	3000K	300	No
EDLEDTUBE/G3FT/WW	14	180-265	G13	28mm	900mm	30000	1300	3000K	300	No
EDLEDTUBE/G4FT/WW	18	180-265	G13	28mm	1200mm	30000	1650	3000K	300	No
EDLEDTUBE/G5FT/WW	23	180-265	G13	28mm	1500mm	30000	2200	3000K	300	No
EDLEDTUBE/G6FT/WW	30	180-265	G13	28mm	1800mm	30000	2900	3000K	300	No
EDLEDTUBE/G2FT	9	180-265	G13	28mm	600mm	30000	900	4000K	300	No
EDLEDTUBE/G3FT	14	180-265	G13	28mm	900mm	30000	1400	4000K	300	No
EDLEDTUBE/G4FT	18	180-265	G13	28mm	1200mm	30000	1850	4000K	300	No
EDLEDTUBE/G5FT	23	180-265	G13	28mm	1500mm	30000	2400	4000K	300	No
EDLEDTUBE/G6FT	30	180-265	G13	28mm	1800mm	30000	3000	4000K	300	No
EDLEDTUBE/8FT/CW	36	185-265	G13	26mm	2400mm	30000	3500	4000K	200	No
EDLEDTUBE/G2FT/DW	9	180-265	G13	28mm	600mm	30000	950	6500K	300	No
EDLEDTUBE/G3FT/DW	14	180-265	G13	28mm	900mm	30000	1470	6500K	300	No
EDLEDTUBE/G4FT/DW	18	180-265	G13	28mm	1200mm	30000	1900	6500K	300	No
EDLEDTUBE/G5FT/DW	23	180-265	G13	28mm	1500mm	30000	2500	6500K	300	No
EDLEDTUBE/G6FT/DW	30	180-265	G13	28mm	1800mm	30000	3150	6500K	300	No



Energy Saving Values  
per lamp over 30,000 hours

**£201.60**

30W LED Tube = £126.00  
70W T8 & Control  
Gear (8W) = £327.60

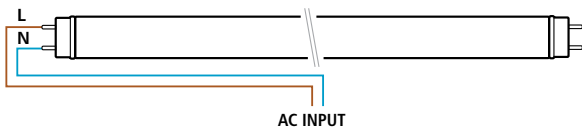


# LED Tube Installation Guide

## T8 LED Installation Guide

### New Installation

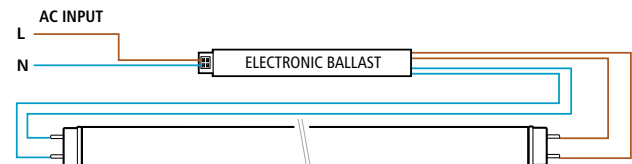
- i. Connect live and neutral to one end of light fixture
- ii. Install the LED tube into fixture



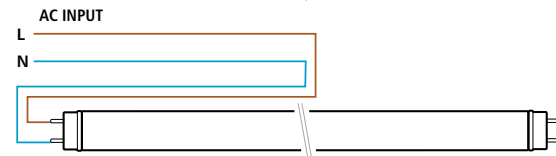
N.B: The power supply must go to the end of the tube marked 'AC Input'

### Retrofit Installation: High Frequency

Remove electronic ballast and re-wire as shown in the diagram below.



UPGRADE TO:



N.B: The power supply must go to the end of the tube marked 'AC Input'

### Retrofit Installation: Switch Start

- i. Remove the fluorescent starter as shown below and replace with the LED starter provided
- ii. Install the LED tube









## HID Replacement Range

Fusion Lamps HID series provide the perfect solution for replacement of high intensity discharge lamps. Our unique thermal management systems facilitate optimal heat dissipation, allowing our products to be used in both open and enclosed fittings.



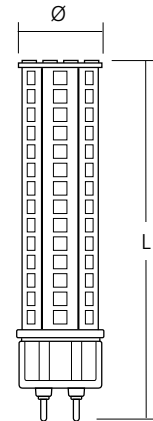
# 10W G12 HID Replacement



### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 90% energy savings
- No UV output
- Suitable replacement for 35W-150W HID lamps
- Instant start
- Can be used in enclosed fittings
- Ideal for retro-fitting into track lighting and wall washing style fittings

**3YR**  
GUARANTEE



ref	W	V	⚡	Ø	L	🕒	☀️	🌈	♻️	⚠️
<b>EDLED/G12CW</b>	10	230	G12	28mm	103mm	30000	1100	4000K	270	No

Retro-fitting can be achieved by simply bypassing the HID control gear and wiring directly to the lamp holder.



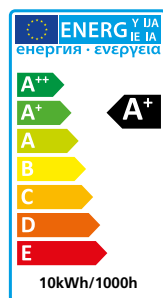
RoHS



Energy Saving Values  
per lamp over 30,000 hours

**£319.20**

10W LED G12 = £42.00  
70W HID & Control  
Gear (16W) = £361.20



# 11W & 15W HID Replacement



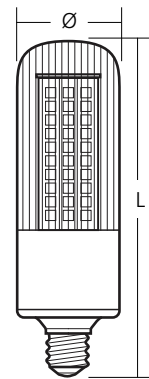
**BYR**  
GUARANTEE

**Features and Benefits**

- 57 super bright SMDs
- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 90% energy savings
- No UV output
- Suitable replacement for a 70W HID lamp
- Instant start
- Can be used in enclosed fittings
- Ideal for retro-fitting into bollards, bulkheads etc

ref	W	V		Ø	L					
<b>EDLED/HID11</b>	11	230	E27	65mm	166mm	30000	1200	6000K	280	No
<b>EDLED/HID15</b>	15	230	E27	65mm	166mm	30000	1500	6000K	280	No

Retro-fitting can be achieved by simply bypassing the HID control gear and wiring directly to the lamp holder.



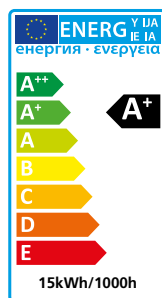
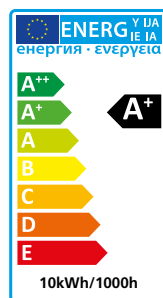
RoHS



**Energy Saving Values per lamp over 30,000 hours**

**£315.00**

11W LED HID = £46.20  
70W HID & Control Gear (16W) = £361.20





NEW ARRIVAL

# 20W HID Replacement



**BYR**  
GUARANTEE

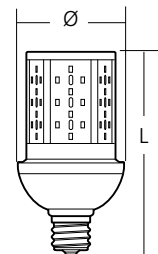
### Features and Benefits

- 84 super bright SMDs
- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 80% energy saving
- No UV output
- Suitable replacement for 70W HID lamps
- Instant start
- Can be used in enclosed fittings
- Ideal for retro-fitting into miniature high bays, floodlights and lanterns

ref	W	V		Ø	L					
<b>FHID20/E27</b>	20	230	E27	93mm	178mm	30000	2935	6000K	300	No

Retro-fitting can be achieved by simply bypassing the HID control gear and wiring directly to the lamp holder.

**Temperature Control System** - The temperature of the lamp is precisely maintained due to its unique aluminium structure, coupled with an intelligent temperature control system built in to the LED Driver to maintain the optimum temperature. This enables it to be used in enclosed fittings.



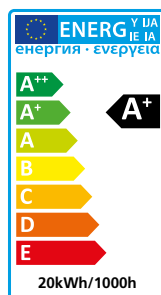
RoHS



Energy Saving Values  
per lamp over 30,000 hours

**£277.20**

20W LED HID = £84.00  
70W HID & Control Gear  
(16W) = £361.20





# 30W HID Replacement

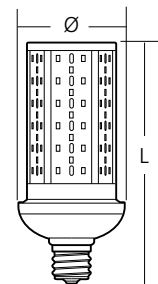


**BYR**  
GUARANTEE

**Features and Benefits**

- 84 super bright SMDs
- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 85% energy saving
- No UV output
- Suitable replacement for 70W - 150W HID lamps
- Instant start
- Can be used in enclosed fittings
- Ideal for retro-fitting into low bays, high bays, floodlights and street lighting

ref	W	V	⌀	L	⌚	☀️	🌈	⚠️	👁️	
<b>FHID30/E27</b>	30	230	E27	93mm	208mm	30000	3825	6000K	300	No
<b>FHID30</b>	30	230	E40	93mm	208mm	30000	3825	6000K	300	No



Retro-fitting can be achieved by simply bypassing the HID control gear and wiring directly to the lamp holder.

**Temperature Control System** - The temperature of the lamp is precisely maintained due to its unique aluminium structure, coupled with an intelligent temperature control system built in to the LED Driver to maintain the optimum temperature. This enables it to be used in enclosed fittings.



RoHS



**Energy Saving Values per lamp over 30,000 hours**

**£609.00**

30W LED HID = £126.00  
150W HID & Control Gear (25W) = £735.00

ENERGY LABEL

Y IJA  
IE IA

енергия · енергия

A++  
A+ **A**  
A  
B  
C  
D  
E

30kWh/1000h



NEW ARRIVAL

# 60W HID Replacement



**3YR**  
GUARANTEE

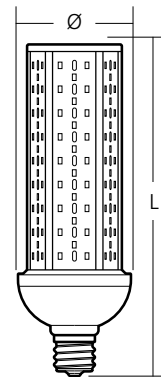
### Features and Benefits

- 156 super bright SMDs
- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 80% energy savings
- No UV output
- Suitable replacement for a 250W HID lamp
- Instant start
- Can be used in enclosed fittings
- Ideal for retro-fitting into lowbays, highbays, floodlights and streetlights

ref	W	V	Ø	L	⌚	☀️	🌈	⚠️	👁️	
<b>FHID60</b>	60	230	E40	93mm	280mm	30000	8825	6000K	300	No

Retro-fitting can be achieved by simply bypassing the HID control gear and wiring directly to the lamp holder.

**Temperature Control System** - The temperature of the lamp is precisely maintained due to its unique aluminium structure, coupled with a high RPM fan situated in the base. Additionally, it has an intelligent temperature control system built in to the LED Driver to maintain the optimum temperature. This enables it to be used in enclosed fittings.



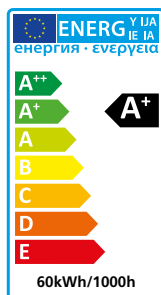
RoHS



Energy Saving Values  
per lamp over 30,000 hours

**£903.00**

60W LED HID = £252.00  
250W HID & Control Gear  
(25W) = £1155.00



Before



After



# 85W HID Replacement



**3YR**  
GUARANTEE

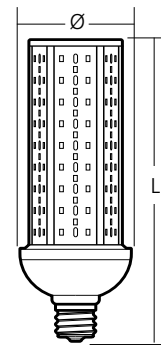
### Features and Benefits

- 182 super bright SMDs
- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 80% energy savings
- No UV output
- Suitable replacement for 250W - 400W HID lamps
- Instant start
- Can be used in enclosed fittings
- Ideal for retro-fitting into lowbays, highbays, floodlights and streetlights

ref	W	V	Ø	L	⌚	☀️	🌈	⚠️	👁️
<b>FHID85</b>	85	230	E40	106mm 285mm	30000	10955	6000K	300	No

Retro-fitting can be achieved by simply bypassing the HID control gear and wiring directly to the lamp holder.

**Temperature Control System** - The temperature of the lamp is precisely maintained due to its unique aluminium structure, coupled with a high RPM fan situated in the base. Additionally, it has an intelligent temperature control system built in to the LED Driver to maintain the optimum temperature. This enables it to be used in enclosed fittings.



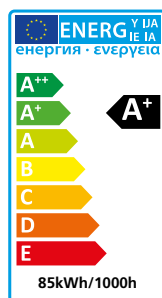
RoHS



Energy Saving Values  
per lamp over 30,000 hours

**£1449.00**

85W LED HID = £357.00  
400W HID & Control  
Gear (30W) = £1806.00



NEW  
ARRIVAL

# 100W HID Replacement



**3YR**  
GUARANTEE

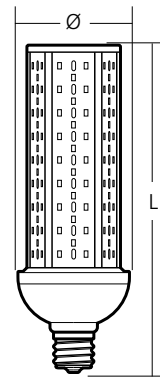
### Features and Benefits

- 210 super bright SMDs
- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 80% energy savings
- No UV output
- Suitable replacement for 250W - 400W HID lamps
- Instant start
- Can be used in enclosed fittings
- Ideal for retro-fitting into lowbays and highbays

ref	W	V	Ø	L	⌚	☀️	🌈	⚠️	👁️
<b>FHID100</b>	100	230	E40	120mm 288mm	30000	13625	6000K	300	No

Retro-fitting can be achieved by simply bypassing the HID control gear and wiring directly to the lamp holder.

**Temperature Control System** - The temperature of the lamp is precisely maintained due to its unique aluminium structure, coupled with a high RPM fan situated in the base. Additionally, it has an intelligent temperature control system built in to the LED Driver to maintain the optimum temperature. This enables it to be used in enclosed fittings.



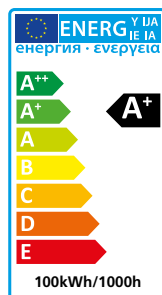
RoHS



Energy Saving Values  
per lamp over 30,000 hours

**£1386.00**

100W LED HID = £420.00  
400W HID & Control Gear  
(30W) = £1806.00



# 120W HID Replacement



**3YR**  
GUARANTEE

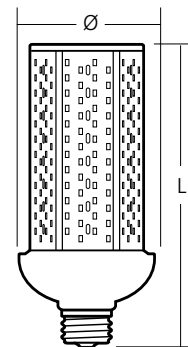
**Features and Benefits**

- 210 super bright SMDs
- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 75% energy saving
- No UV output
- Suitable replacement for a 400W HID lamp
- Instant start
- Can be used in enclosed fittings
- Ideal for retro-fitting into lowbays and highbays

ref	W	V		Ø	L					
<b>FHID120</b>	120	230	E40	120mm	308mm	30000	15965	6000K	300	No

Retro-fitting can be achieved by simply bypassing the HID control gear and wiring directly to the lamp holder.

**Temperature Control System** - The temperature of the lamp is precisely maintained due to its unique aluminium structure, coupled with a high RPM fan situated in the base. Additionally, it has an intelligent temperature control system built in to the LED Driver to maintain the optimum temperature. This enables it to be used in enclosed fittings.



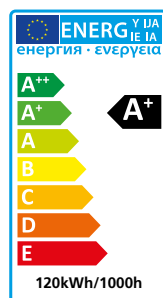
RoHS



Energy Saving Values  
per lamp over 30,000 hours

**£1302.00**

120W LED HID = £504.00  
400W HID & Control  
Gear (30W) = £1806.00





# 80W HID Replacement

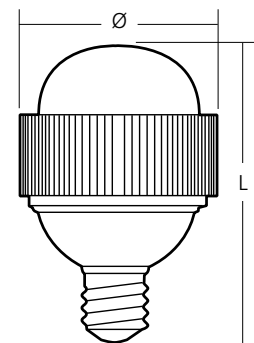


### Features and Benefits

- 221 super-bright SMD's
- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 55% energy savings
- No UV output
- Suitable replacement for a 150W HID lamp
- Instant start
- Can be used in enclosed fittings
- Ideal for retro-fitting into high bays



ref	W	V		Ø	L					
<b>EDLED/HID80</b>	80	230	E40	120mm	205mm	30000	8000	6000K	150	No



Retro-fitting can be achieved by simply bypassing the HID control gear and wiring directly to the lamp holder.

**Temperature Control System** - The temperature of the lamp is precisely maintained due to its unique aluminium structure, coupled with a high RPM fan situated in the base. This enables it to be used in enclosed fittings.



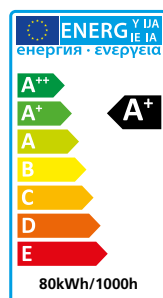
RoHS



**Energy Saving Values per lamp over 30,000 hours**

**£399.00**

80W LED HID = £336.00  
150W HID & Control Gear (25W) = £735.00



# 110W HID Replacement



**Features and Benefits**

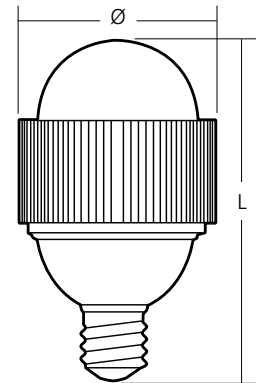
- 275 super-bright SMD's
- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 60% energy savings
- No UV output
- Suitable replacement for a 250W HID lamp
- Instant start
- Can be used in enclosed fittings
- Ideal for retro-fitting into high bays



ref	W	V		Ø	L					
<b>EDLED/HID110</b>	110	230	E40	120mm	205mm	30000	11000	6000K	150	No

Retro-fitting can be achieved by simply bypassing the HID control gear and wiring directly to the lamp holder.

**Temperature Control System** - The temperature of the lamp is precisely maintained due to its unique aluminium structure, coupled with a high RPM fan situated in the base. This enables it to be used in enclosed fittings.



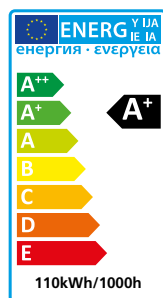
RoHS



**Energy Saving Values per lamp over 30,000 hours**

**£693.00**

110W LED HID = £462.00  
 250W HID & Control Gear (25W) = £1155.00



# 150W HID Replacement

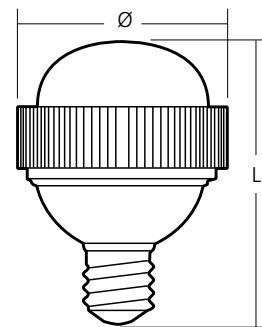


### Features and Benefits

- 375 super-bright SMD's
- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 65% energy savings
- No UV output
- Suitable replacement for a 400W HID lamp
- Instant start
- Can be used in enclosed fittings
- Ideal for retro-fitting into high bays

**BYR**  
GUARANTEE

ref	W	V	Ø	L	⌚	☀️	🌈	♻️	⚠️
<b>EDLED/HID150</b>	150	230	E40	155mm 200mm	30000	19850	6000K	150	No



Retro-fitting can be achieved by simply bypassing the HID control gear and wiring directly to the lamp holder.

**Temperature Control System** - The temperature of the lamp is precisely maintained due to its unique aluminium structure, coupled with a high RPM fan situated in the base. Additionally, it has an intelligent temperature control system built in to the LED Driver to maintain the optimum temperature. This enables it to be used in enclosed fittings.



RoHS



Energy Saving Values  
per lamp over 30,000 hours

**£1176.00**

150W LED HID = £630.00  
400W HID & Control  
Gear (30W) = £1806.00











## Coloured Range

Fusion Lamps range of coloured LED lamps are perfect to create an energy saving accent or decorative effect.





# Colour Changing

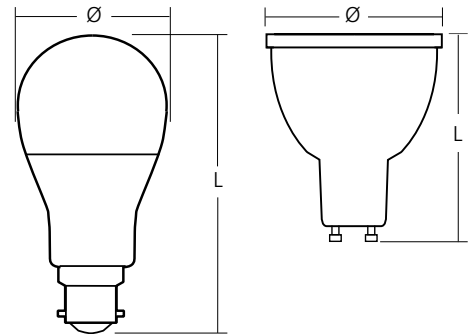


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 95% energy savings
- No UV output
- Ideal for mood and general lighting (eg; restaurants, hotels and domestic applications)

**2YR**  
GUARANTEE

ref	W	V	⚡	∅	L	🕒	☀️	🌈	♻️	⚠️
<b>FGLSBC/CC</b>	10	230	B22	60mm	123mm	25000	800	3000K & RGB	180	Yes - by remote
<b>FGLSES/CC</b>	10	230	E27	60mm	123mm	25000	800	3000K & RGB	180	Yes - by remote
<b>FGU10/CC</b>	4	230	GU10	50mm	56mm	25000	300	3000K & RGB	120	Yes - by remote



### Operation

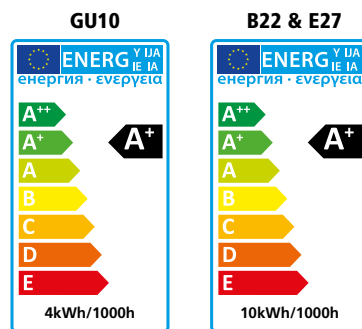
- Various colour, dimming and effect operations available via the remote control provided.
- Up to a maximum of 20 products can be operated within the colour sequence.
- Remote range approximately 4 meters.



**Energy Saving Values per lamp over 25,000 hours**

**£161.00**

4W LED GU10 Coloured = £14.00  
50W Halogen GU10 Coloured = £175.00



# GU10



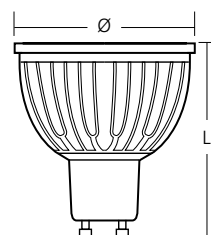
CRLEDSMD/RE

### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- Up to 90% energy savings
- No UV output
- Suitable replacement for a 50W halogen lamp
- Ideal for mood lighting (eg; restaurants, retail, etc)



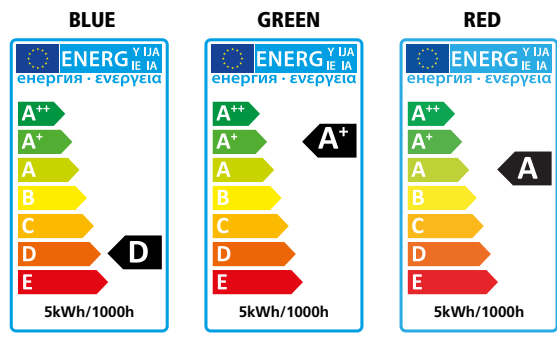
ref	W	V	⚡	∅	L	⌚	☀️	🌈	⚠️	👁️
<b>CRLEDSMD/BL</b>	5	230	GU10	50mm	56mm	30000	20	Blue	110	No
<b>CRLEDSMD/GR</b>	5	230	GU10	50mm	56mm	30000	320	Green	110	No
<b>CRLEDSMD/RE</b>	5	230	GU10	50mm	56mm	30000	60	Red	110	No



**Energy Saving Values per lamp over 30,000 hours**

**£189.00**

5W LED GU10 Coloured = £21.00  
50W Halogen GU10 Coloured = £210.00



# PAR38

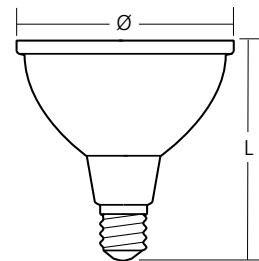


### Features and Benefits

- Low power consumption
- Long lamp life
- Low surface temperature
- No UV output
- Suitable for outdoor use in a certified IP rated fitting
- Available in the following colours:
  - Blue
  - Green
  - Red

**3YR**  
GUARANTEE

ref	W	V	⚡	∅	L	🕒	☀️	🌈	♻️	👁️
<b>CRLED/PAR38BL</b>	8	230	E27	122mm	135mm	30000	60	Blue	30	No
<b>CRLED/PAR38GR</b>	8	230	E27	122mm	135mm	30000	330	Green	30	No
<b>CRLED/PAR38RE</b>	8	230	E27	122mm	135mm	30000	176	Red	30	No



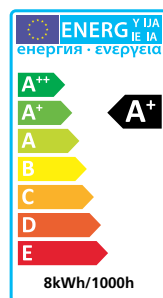
RoHS



Energy Saving Values  
per lamp over 30,000 hours

**£302.40**

8W LED Coloured  
PAR38 = £33.60  
80W Incandescent  
PAR38 Coloured = £336.00









# Flicker Flame



### Features and Benefits

- The flicker flame LED lamps produce an extremely realistic flame effect which would create a fantastic atmosphere to many outdoor spaces
- Built-in gravity sensor to allow use in both upward and downward facing fixtures
- Ideal for lantern fittings (e.g. pubs, hotels and residential areas)

**2YR**  
GUARANTEE

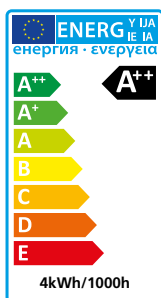
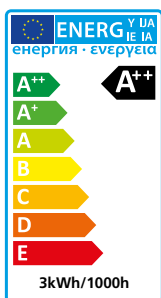
ref	W	V	⚡	∅	L	🕒	☀️	🌈	♻️	👁️
<b>FFLED/ES</b>	4-10	230	E27	52mm	130mm	25000	465	1838K	300	No
<b>FFLED/ES/MINI</b>	3-8	230	E27	36mm	115mm	25000	300	1800K	300	No



Scan here to see a YouTube video of this product.



RoHS





## Accessories

A range of Fusion Lamps accessories to complement the LED range. A specific driver for efficient safe operation, along with adaptors for cap conversions and retro-fitting, saving the cost of changing the whole luminaire, turning a standard fitting into an energy saving and cost effective solution. In addition, we offer a night light with a dual USB charging function.





# Plug-in Night Light

## with Dual USB Charging Function

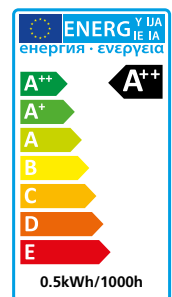
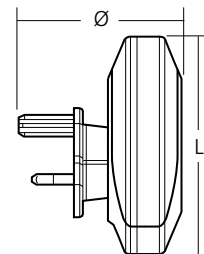


### Features and Benefits

- 7 x LEDs (0.5W) with a frosted lens, creates a gentle ambient warm white light source
- 3 function switch:  
ON - Switches light on  
OFF - Switches light off  
AUTO - Light will automatically turn on at dusk and off at dawn
- USB Charging 2.1A, 5V DC Enables charging of one device at 2.1A or two devices at 1A each, e.g. 1 x tablet or 2 x smart phones



ref	W	Ø	L			
<b>FNL/USB</b>	0.5	66mm	90mm	10000	2700-3000K	No



# Emergency Pack



### Features and Benefits

- Emergency pack for Fusion T8 LED tubes up to 23W

ref	description
<b>LEDTUBE/EP</b>	Emergency pack for Fusion T8 LED tubes up to 23W

## Driver



### Features and Benefits

- LED Driver for 12V fittings

ref	description
<b>LED DRIVER 18W</b>	12V LED Driver 18W Max Constant Voltage

## Adaptors



### Features and Benefits

- Adaptors can help to find a retrofit energy saving lamp solution

ref	description
<b>B15/E27</b>	B15 (SBC) to E27 (ES)
<b>B22/E27</b>	B22 (BC) to E27 (ES)
<b>E14/E27</b>	E14 (SES) to E27 (ES)
<b>E40/E27</b>	E40 (GES) to E27 (ES)
<b>G9/E27</b>	G9 to E27 (ES)
<b>GU10/B22</b>	GU10 to B22 (BC)
<b>GU10/E27</b>	GU10 to E27 (ES)
<b>E27/E40</b>	E27 (ES) to E40 (GES)
<b>E27/G24-q</b>	E27 (ES) to G24-q (4-pin)
<b>E27/B22</b>	E27 (ES) to B22 (BC)
<b>E14/B22</b>	E14 (SES) to B22 (BC)



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## 1. Interpretation

- (a) In these Conditions, the following words shall have the following meanings:  
**Buyer** means the person, firm or company who places an Order with the Seller;  
**Customer Agreement** means the Credit Account Application overleaf and any and all agreements made between the Buyer and the Seller for the supply of Goods.  
**Goods** means any goods (or instalment or part thereof) howsoever ordered by the Buyer from the Seller;  
**Guarantee** means the guarantee embedded in the Seller's Credit Account Application.  
**Guarantor** means the person who enters into the Guarantee embedded in the Seller's Credit Account Application.  
**Order** means any order sent to the Seller by the Buyer for the supply of Goods and/or Services;  
**Seller** means Lancaster Holdings Ltd (CRN: 11089637) whose registered office is at 81, Whiteladies Road, Bristol B58 2NT;  
**Services** means any services (or instalment or part thereof) howsoever ordered by the Buyer from the Seller.
- (b) A reference to a particular law is a reference to it as it is in force for the time being taking account of any amendment, extension, application or re-enactment and includes any subordinate legislation for the time being in force made under it.

## 2. Basis of Sale

- (a) An Order shall be accepted entirely at the discretion of the Seller and if accepted will only be accepted on the basis of these Conditions which shall (together with such conditions as may be expressly incorporated by reference herein or as may be agreed in writing by the Buyer and the Seller) form the entire agreement between the Buyer and Seller to the exclusion of any other conditions (including any terms or conditions which the Buyer purports to apply under any purchase order, confirmation of order, specification or other document).
- (b) Each Order which the Seller accepts (by way only of issue of the Seller's standard order acknowledgement form or on delivery of the Goods and/or performance of the Services (as the case may be) to the Buyer's address shown in the Order) shall constitute a separate legally binding contract between the Seller and the Buyer.
- (c) No addition, variation or substitution of these Conditions shall bind the Seller or form any part of any contract unless expressly accepted in writing by an authorised representative of the Seller.
- (d) The Seller's employees or agents are not authorised to make any representations with regard to the subject matter of any contract between the Seller and the Buyer. In entering into a contract with the Seller, the Buyer acknowledges that it relies on any representation, advice or recommendation given by the Seller, its employees or agents to the Buyer as to the Goods and/or the Services (as the case may be) it does so entirely at the Buyer's own risk.

## 3. Specification

- (a) The Buyer shall be responsible to the Seller for ensuring the accuracy of the terms of any Order and specification submitted by the Buyer and for checking and ensuring the accuracy of any order acknowledgement form issued by the Seller.
- (b) The Buyer shall not be entitled to rely on any typographical, clerical or other error or omission in any sales literature, quotations, price-list, acceptance of offer, invoice or other document or information issued by the Seller which the Buyer acknowledges shall not form part of or be incorporated by reference into any contract between the Seller and the Buyer. Any such error or omission shall be subject to correction without any liability on the part of the Seller.
- (c) The Seller reserves the right to make changes in the specification of the Goods and/or the Services (as the case may be) which are required to conform with any applicable statutory or regulatory requirements and which do not materially affect quality or performance.
- (d) If the Goods are to be manufactured or any process is to be applied to the Goods by the Seller in accordance with a specification submitted by the Buyer, the Buyer shall indemnify the Seller against all loss, damages costs and expenses awarded against or incurred by the Seller in settlement of any claim for infringement of any patent, copyright, design, trade mark or other industrial or intellectual property rights of any other person which result from the Seller's use of the Buyer's specification.

## 4. Price of Goods and Services

- (a) The price for the Goods and/or the Services (as the case may be) shall be:  
 (i) the Seller's price set out in the Seller's quotation issued to the Buyer; or  
 (ii) in the absence of any such quotation, the Seller's standard price for the Goods or Services (subject to any discount in accordance with clause 4(g));
- Any prices quoted are valid for only 30 days from the date of quotation or until earlier acceptance by the Buyer, after which they may be altered by the Seller without giving notice to the Buyer.
- (b) Any quotation or estimate given by the Seller is an indication given in good faith and shall not become binding upon the Seller unless subsequently confirmed by the Seller in writing.
- (c) All prices quoted are based on information available at the date of quotation and the Seller reserves the right to vary prices at any time without notice prior to the date of issue of the relevant invoice and the price payable by the Buyer shall be the price applicable at the date of the invoice.
- (d) Unless otherwise stated, the price of the Goods and/or the Services (as the case may be) is exclusive of VAT and any other taxes and the cost of carriage and any other matters all of which the Buyer shall pay to the Seller in addition.
- (e) In the event of any increase in cost to the Seller which is beyond the control of the Seller (including (without limitation) any increases imposed upon the Seller by its own suppliers) and/or any variation or suspension of the work which is agreed to by the Seller upon the Buyer's request, or if the Buyer's instructions are incorrect or insufficient, the Seller shall be entitled to adjust the price of the Goods and/or the Services (as the case may be) to reflect the costs involved, and to adjust delivery dates as appropriate.
- (f) The Seller shall be entitled to bring an action for the price of the Goods and/or the Services (as the case may be) or part thereof notwithstanding that delivery and/or performance may not have taken place and/or that ownership in the Goods has not passed to the Buyer.
- (g) The Seller at its absolute discretion may decide to apply a discount in such amount as it may think fit to the price for the Goods and/or Services. The amount of any discount shall be recorded in the invoice issued to the Buyer.

## 5. Payment

- (a) The Seller shall be entitled to invoice the Buyer for the price of the Goods and/or the Services (as the case may be) at any time prior, on or following delivery of the Goods and/or performance of the Services (as the case may be) unless the Buyer wrongfully fails to take delivery of the Goods in which event the Seller shall be entitled to invoice the Buyer for the full amount at any time after the Seller has notified the Buyer that the Goods are ready for collection or (as the case may be) the Seller has tendered delivery of the Goods.
- (b) Until a Credit Account has been opened by the Seller in favour of the Buyer, the Buyer shall pay the price for the Goods and/or the Services (as the case may be) on or prior to delivery and (where applicable) upon receipt of the Seller's invoice.
- (c) The time of payment of the price shall be of the essence of any contract between the Seller and the Buyer.

- (d) A Buyer in whose favour a Credit Account has been opened shall, unless otherwise agreed in writing by the Seller, pay the price for the Goods and/or the Services (as the case may be) on or before the 28th day (or the next working day if the 28th day of a particular month is a Saturday or a Sunday) of the month following the date of the Seller's invoice.
- (e) No payment shall be deemed to have been received until the Seller has received cleared funds. All payments payable to the Seller under the contract between the Seller and the Buyer shall become due immediately on its termination despite any other provision.
- (f) Where payment is not made by the due date, regardless of its other remedies, the Seller shall be entitled to (i) cancel the contract between the Seller and the Buyer or suspend any further deliveries to the Buyer; and (ii) claim interest and/or compensation for reasonable debt recovery costs under the Late Payment of Commercial Debts (Interest) Act 1998 as amended and supplemented by the Late Payment of Commercial Debts Regulations 2002.
- (g) In the event that the Seller is, for whatever reason, unable to claim interest and/or compensation under the Late Payment of Commercial Debts (Interest) Act 1998 as amended and supplemented by the Late Payment of Commercial Debts Regulations 2002, the Seller reserves the right to charge the Buyer interest (both before and after any judgment) on the amount unpaid at the rate of 4% (four per cent) per annum above the base rate from time to time of the Bank of England, accruing on a daily basis until payment is made in full, and for such purposes, the Buyer and the Seller agree that such rate is reasonable and reflects a genuine pre-estimate of the loss that the Seller would incur as a result of any default by the Buyer to make payment on the due date.
- (h) If any payment is dishonoured or countermanded by the Buyer, the Seller shall have the right to charge the Buyer an administration fee of £25.00 (or such other fee as may be notified to the Buyer from time to time).
- (i) Any claim by the Buyer that an invoice rendered by the Seller is in the incorrect amount or contains any other error must be notified to the Seller in writing within 7 days of the date of the invoice. If the Buyer does not notify the Seller accordingly, the Buyer shall not be entitled to claim that the invoice is incorrect or contains any other error whatsoever.

## 6. Delivery

- (a) Delivery of the Goods shall be made by the Buyer collecting the Goods at the Seller's premises or, if some other place for delivery is agreed by the Seller, by the Seller delivering the Goods to that place.
- (b) Any delivery date quoted is given in good faith, but the Seller shall not be responsible for any delay in delivery of the Goods and/or the performance of the Services (as the case may be) howsoever caused. Time for delivery shall not be of the essence of the contract between the Seller and the Buyer and the Seller shall not be liable for any delay in delivery howsoever caused.
- (c) The Seller shall be entitled to make delivery by instalments (in which case each delivery shall constitute a separate contract), and to invoice the Buyer separately for each instalment. Failure by the Seller to deliver any one or more of the instalments in accordance with these Conditions or any claim by the Buyer in respect of any one or more instalments shall not entitle the Buyer to treat the contract as a whole between the Seller and the Buyer as repudiated.
- (d) Except in the case of delivery at the Seller's premises, the Buyer shall at its own expense use all reasonable endeavours to ensure that the Seller is able to freely access and make any deliveries to any other place for delivery at such time(s) as may be specified by the Seller. Any failure by the Buyer to comply with the provisions of this condition or to otherwise accept delivery (save upon such grounds for rejection as are specified in the law relating to the Sale of Goods) shall be deemed to be a breach of contract. Any additional costs incurred by the Seller in re-delivering the Goods (either to the originally agreed place for delivery or to such other place as may be reasonably requested by the Buyer) will be charged to the Buyer.
- (e) The quantity of any consignment of Goods as recorded by the Seller upon despatch from the Seller's premises shall be conclusive evidence of the quantity received by the Buyer on delivery unless the Buyer can provide conclusive evidence proving the contrary.
- (f) Notwithstanding the provisions of condition 8(e), the Seller shall not be liable for any under-delivery of Goods in whole or in part (even if caused by the Seller's negligence) unless the Buyer gives written notice to the Seller of the under-delivery within 48 hours of the date when the Goods are delivered to the Buyer (as recorded by the Seller) or, if there is no such record, when the Goods would in the ordinary course of events have been received. Any liability of the Seller for under-delivery of the Goods shall be limited to replacing the Goods within a reasonable time or issuing a credit note at the pro rata contract rate against any invoice raised for such Goods.

## 7. Risk and Title

- (a) Risk of damage to or loss of the Goods shall pass to the Buyer at the time of delivery.
- (b) Notwithstanding delivery and the passing of risk in the Goods, or any other provisions in these Conditions, ownership in the Goods shall not pass to the Buyer until the Seller has received in full (in cash or cleared funds) all sums due to it in respect of the Goods and all other sums which are or which become due to the Seller from the Buyer on any account.
- (c) Until ownership of the Goods has passed to the Buyer in accordance with these Conditions, the Buyer shall:  
 (i) hold the Goods on a fiduciary basis as the Seller's bailee;  
 (ii) store the Goods (at no cost to the Seller) separately from all other Goods of the Buyer or any third party in such a way that they remain readily identifiable as the Seller's property;  
 (iii) not destroy, deface or obscure any identifying mark or packaging on or relating to the Goods;  
 (iv) maintain the Goods in satisfactory condition insured on the Seller's behalf for their full price against all risks to the reasonable satisfaction of the Seller (and produce the policy of insurance to the Seller on request); and  
 (v) hold the proceeds of the insurance referred to in condition 7(c) (iv) on trust for the Seller and not mix them with any other money, nor pay the proceeds into an overdrawn bank account.
- (d) The Buyer may resell the Goods before ownership has passed to it solely on the following conditions:  
 (i) any sale shall be effected in the ordinary course of the Buyer's business at full market value and the Buyer shall hold such part of the proceeds of sale as represent the amount owed by the Buyer to the Seller on behalf of the Seller and the Buyer shall immediately account to the Seller accordingly; and  
 (ii) any such sale shall be a sale of the Seller's property on the Buyer's own behalf and the Buyer shall deal as principal when making such a sale.
- (e) The Buyer's right to possession of the Goods shall terminate immediately if:  
 (i) the Buyer has a bankruptcy order made against him or makes an arrangement or composition with his creditors, or otherwise takes the benefit of any statutory provision for the time being in force for the relief of insolvent debtors, or (being a body corporate) convenes a meeting of creditors (whether formal or informal), or enters into liquidation (whether voluntary or compulsory) except a solvent voluntary liquidation for the purpose only of reconstruction or amalgamation, or has a receiver and/or manager, administrator or administrative receiver appointed of its undertaking or any part thereof, or documents are filed with the court for the appointment of an administrator of the Buyer or notice of intention to appoint an administrator is given by the Buyer or its directors or by a qualifying floating charge holder (as defined in paragraph 14 of Schedule B1 to the Insolvency Act 1986), or a resolution is passed or a petition presented to any court for the winding-up of the Buyer or for the granting of an administration order in respect of the Buyer, or any proceedings are commenced relating to the insolvency or possible insolvency of the Buyer; or

- (ii) the Buyer suffers or allows any execution, whether legal or equitable, to be levied on his/its property or obtained against him/it, or fails to observe or perform any of his/its obligations under the Contract or any other contract between the Seller and the Buyer, or is unable to pay its debts within the meaning of section 123 of the Insolvency Act 1986 or the Buyer ceases to trade; or
- (iii) the Buyer encumbers or in any way charges any of the Goods.
- (f) The Buyer grants the Seller, its agents and employees an irrevocable licence at any time to enter any premises where the Goods are or may be stored in order to inspect them, or, where the Buyer's right to possession has terminated, to recover them.
- (g) Where the Seller is unable to determine whether any Goods are the goods in respect of which the Buyer's right to possession has terminated, the Buyer shall be deemed to have sold all goods of the kind sold by the Company to the Buyer in the order in which they were invoiced to the Buyer.
- (h) On termination of the contract between the Seller and the Buyer, howsoever caused, the Seller's (but not the Buyer's) rights contained in this condition 7 shall remain in effect.
- (i) Following the transfer of ownership of the Goods to the Buyer in accordance with these Conditions, the Buyer shall (where applicable) (i) be responsible for financing the collection, treatment, recovery and environmentally sound disposal of all WEEE (as hereinafter defined) arising or deriving from the Goods; and all WEEE arising or deriving from goods placed on the market prior to 13 August 2005 where such goods are to be replaced by the Goods and the Goods are of an equivalent type or are fulfilling the same function as that of such goods; (ii) comply with all additional obligations placed upon the Buyer by the Waste Electrical and Electronic Equipment Regulations 2006 ("the WEEE Regulations") by virtue of the Buyer accepting the responsibility set out in section (i) above; (iii) provide the Buyer's WEEE compliance scheme operator with such data, documents, information and other assistance as such compliance scheme operator may from time to time reasonably require to enable such compliance scheme operator to satisfy the obligations assumed by it as a result of the Buyer's membership of such scheme; and (iv) be responsible for all costs and expenses arising from and relating to its obligations set out in this paragraph (except in respect of Goods which constitute gas discharge lamps, in which case an upfront and 'visible' charge will have been levied at the outset and the Buyer undertakes to contact the compliance scheme operator of the gas discharge lamp branded manufacturer to arrange compliance with the WEEE Regulations on that basis). Terms used in this Condition shall have the meaning ascribed thereto in the WEEE Regulations.

**8. Additional Terms of Guarantee**

- (a) All sums of money which may not be recoverable from the Guarantor on the footing of the guarantee whether by reason of legal limitation on the Buyer or any other circumstance shall nevertheless be recoverable from the Guarantor as principal debtor and shall be paid on demand.
- (b) A demand for payment or any other notice to the Guarantor may be made by any authorised officer of the Seller by letter addressed to the Guarantor and delivered to it's registered office or residential address and if sent by post shall be deemed to have been made at noon the following day after the letter was posted.
- (c) This Guarantee shall be a continuing security and the Guarantor shall remain liable for all sums due by the Buyer notwithstanding any event which absolves the Buyer from liability. The Guarantor shall remain liable notwithstanding any alteration to the Customer Agreement or any terms applying thereto, which may be agreed between the Seller and the Buyer.
- (d) Until payment in full by the Guarantor of all sums due to the Seller by the Buyer, the Guarantor shall not be entitled to participate in any security held or money received by the Seller on account of such balance.
- (e) This Guarantee may be terminated and the Guarantor's liability shall be fixed at the expiration of one calendar month after receipt by the Seller from the Guarantor of notice in writing to terminate it. It shall be lawful for the Seller to continue the account with the Buyer notwithstanding such termination and the Guarantor shall remain liable for any amount due at the date of termination of this Guarantee.
- (f) The Guarantor may be released absolutely from the Guarantee upon written application to the Seller. Any such release shall be at the Seller's absolute discretion and shall be on such terms including as to the date of release that the Seller may specify. Any settlement discharge or release between the Guarantor and the Seller shall be conditional upon no security or payment to the Seller by the Buyer or any other person being avoided or reduced due to insolvency laws or otherwise.
- (g) The Seller may at any time without giving notice to or obtaining the consent of the Guarantor refuse or grant further credit to the Buyer for any period and compound with give time for payment grant other indulgence or make any other arrangements with the Buyer, give up modify exchange or abstain from perfecting or taking advantage of or enforcing any security guarantee and discharge any parties thereto and realise any securities in such manner as the Seller may think expedient.
- (h) All costs charges and expenses incurred by the Seller in obtaining payment of the moneys secured under this guarantee (and so that any taxation of the Seller's costs charges and expenses shall be on a full indemnity basis) shall be recoverable from the Guarantor as a debt.

**9. Warranties and Liability**

- (a) The Seller warrants that, except in relation to intellectual property rights of third parties, it has good title to the Goods and (subject to the conditions set out below) the Goods shall correspond with their written specification (if any) at the time of delivery and will be free from material defects in materials and workmanship for a period of 12 months or separately stated period from delivery, provided that the Seller shall be under no liability:
  - (i) in respect of any defect arising from any drawing, design, specification or stipulation of the Buyer; or
  - (ii) in respect of any defect or lack of performance arising from fair wear and tear, wilful damage, negligence, abnormal working conditions, failure to follow Seller's instructions, or misuse, alteration or repair of the Goods without the Seller's approval; or
  - (iii) in respect of parts or materials not manufactured by the Seller, in respect of which the Buyer shall only be entitled to the benefit of any warranty or guarantee which is given by the manufacturer to the Seller; or
  - (iv) if the full price for the Goods has not been paid by the due date for payment.
- (b) The Seller warrants that the Services will be provided using reasonable care and skill and, as far as reasonably possible, in accordance with the contract between the Seller and the Buyer.
- (c) Subject as expressly provided in these Conditions, and except where the Goods and/or Services (as the case may be) are supplied to a person dealing as a consumer (within the meaning of the Unfair Contract Terms Act 1977), all warranties, conditions or other terms implied by statute or common law are excluded to the fullest extent permitted by law.
- (d) Where the Goods and/or the Services (as the case may be) are supplied under a consumer transaction (as defined by the Consumer Transactions (Restrictions on Statements) Order 1976) the statutory rights of the Buyer are not affected by these Conditions.
- (e) Any claim by the Buyer arising from any defect in the quality or condition of the Goods or their failure to correspond with the agreed specification shall (whether or not delivery is refused by the Buyer) be notified to the Seller in writing within 7 days of delivery or (where the defect or failure was not apparent on reasonable inspection) within a reasonable time of the defect or failure becoming apparent. If delivery is not refused, and the Buyer does not notify the Seller accordingly, the Buyer shall not be entitled to reject the Goods and the Seller shall have no liability for such defect or failure, and the Buyer shall be bound to pay the contract price as if the Goods had been delivered in accordance with the contract between the Seller and the Buyer.

- (f) Where the Seller accepts a claim made by the Buyer in respect of the Goods made in accordance with these Conditions, the Buyer's right shall be to a full or partial credit note (in relation to Goods purchased on credit account) full or partial refund (in relation to Goods purchased by cash) or replacement of the Goods (or the part(s) in question), at the Seller's option, but the Seller shall have no further liability to the Buyer.
- (g) Except in respect of death or personal injury caused by the Seller's negligence, the Seller shall not be liable to the Buyer by reason of any representation (unless fraudulent), or any implied warranty, condition, or other term, or any tortious act (including negligence) or any duty at common law, or under the express terms of the contract between the Seller and the Buyer, or in any manner whatsoever:
  - (i) for any indirect, special or consequential loss or damage;
  - (ii) for any economic loss including loss of profits, loss of business, depletion of goodwill and/or similar losses, loss of anticipated savings, loss of goods, loss of contract, loss of use; or loss of or corruption of data or information, howsoever caused and even if foreseeable by the Seller; which in either case may arise out of, or in connection with the supply of the Goods and/or the Services or their use or resale by the Buyer (and whether caused by the negligence of the Seller, its employees or agents or otherwise) save as may be expressly provided in these Conditions.
- (h) The entire liability of the Seller under or in connection with the contract between the Seller and the Buyer shall not exceed the price of the Goods and/or the Services (as the case may be) save as expressly provided in these Conditions.
- (i) Any repair, replacement or refund of any monies made by the Seller to the Buyer shall not under any circumstances be deemed to be an admission of any liability on the part of the Seller to the Buyer (or any third party), and shall be without prejudice to the rights of the Seller which the Seller hereby reserves in full should it make any such repairs, replacements or refunds of monies.
- (j) The Seller shall not be liable to the Buyer, or be deemed to be in breach of contract by reason of any delay in performing, or any failure to perform any of the Seller's obligations in relation to any Goods and/or Services (as the case may be) if the delay or failure is due to any cause beyond the Seller's reasonable control.

**10. Design and Drawings**

- (a) All figures, statements, advice, recommendations, drawings, designs, suggestions and specifications contained or referred to in any documents supplied by the Seller to the Buyer are given in good faith, but shall be approximate only, and shall not (unless the Seller specifically warrants the same in writing) be warranted to be accurate. All such matters should be checked and verified for accuracy and suitability by the Buyer, and accordingly the Seller accepts no liability or responsibility whatsoever in relation to such matters unless specifically warranted in writing in the manner referred to above.
- (b) The Seller will make available information required in relation to the design, construction and testing of the Goods as is reasonably necessary for the Buyer to take appropriate steps to see that the Goods will be, when installed, safe and not constitute a risk to the health of any person provided always that the Buyer shall indemnify, and keep indemnified, the Seller against all claims, costs, actions, damages or liabilities resulting directly or indirectly (including economic and consequential loss) for any claim brought against the Seller arising out of the use of the Goods.

**11. Termination/Suspension**

- (a) The Buyer shall not be entitled to cancel the contract between the Seller and the Buyer and if the Buyer purports to do so it shall indemnify the Seller for all losses, costs and expenses incurred by the Seller in relation to the contract.
- (b) Without prejudice to any other right or remedy, the Seller shall be entitled to suspend forthwith further performance and/or terminate contractual relations with the Buyer without any liability to the Buyer if the Buyer:
  - (i) is in breach of any of these Conditions or (in the absolute opinion of the Seller) is likely to breach any Condition herein; or
  - (ii) becomes insolvent, has a receiver appointed over the whole or any part of its assets, enters into any compound with creditors, or has an order made or resolution passed for it to be wound up (otherwise than in furtherance of a scheme for amalgamation or reconstruction) or if the ownership or control of it shall pass into the hands of any other legal person, or an event analogous occurs in respect of the Buyer in any jurisdiction to which the Buyer is subject.

**12. General**

- (a) The Seller is a member of a group of companies and accordingly the Seller may perform any of its obligations or exercise any of its rights hereunder by itself or through any other member of its group.
- (b) The Seller shall be entitled to subcontract the whole or any part of its obligations under the contract between the Seller and the Buyer to any third party which it may at its absolute discretion determine but any subcontract shall not relieve the Seller of its obligations hereunder.
- (c) Any notice required or permitted to be given by either party to the other under these Conditions shall be given in writing and addressed to the other party at its registered office, principal place of business or at such other address as may be notified to the other party from time to time.
- (d) No waiver by the Seller of any breach of contract by the Buyer shall be considered a waiver of any subsequent breach of the same or any other provision.
- (e) If any term of these Conditions prove illegal or unenforceable in whole or part, such term shall be deemed excised from these conditions without effect upon the validity of the remainder of these Conditions.
- (f) A person who is not a party to the contract between the Seller and the Buyer has no right under the Contracts (Rights of Third Parties) Act 1999 to enforce or enjoy the benefit of any term of such contract.
- (g) In addition to these Conditions of Sale, Orders placed via the Seller's website shall be subject to any legal terms and notices published there by the Seller.
- (h) These Conditions and the contract between the Buyer and Seller shall be governed by the laws of England, and the English Courts shall have exclusive jurisdiction.



# Referrals



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LPD0778/03.19