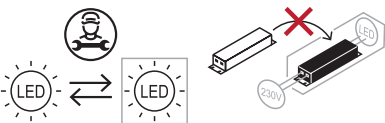


LED LAMP SPECIFICATIONS:	10W	20W	30W	50W
Luminaire lumens (with diffuser)	900 lm	1800 lm	2800 lm	4500 lm
Lumens from chip (no diffuser)	1000 lm	2000 lm	3000 lm	5000 lm
Useful lumens	800 lm	1600 lm	2400 lm	4000 lm
Rated Wattage	10W	20W	30W	50W
Rated luminous flux	800 lm	1600 lm	2400 lm	4000 lm
Nominal life time of the lamp	25,000 hrs	25,000 hrs	25,000 hrs	25,000 hrs
Colour temperature	4000K	4000K	4000K	4000K
Number of switching cycles before premature lamp failure	12,500	12,500	12,500	12,500
Warm-up time up to 60% of the full light output	Instant Full Light	Instant Full Light	Instant Full Light	Instant Full Light
Dimmable	No	No	No	No
Nominal beam angle	110°	110°	110°	110°
Rated power	10W	20W	30W	50W
Rated lamp lifetime	25,000 hrs	25,000 hrs	25,000 hrs	25,000 hrs
Displacement factor	0.90	0.90	0.90	0.91
Lumen maintenance factor at end of nominal life	>0.80	>0.80	>0.80	>0.80
Starting time	<0.5s	<0.5s	<0.5s	<0.5s
Colour rendering	>80	>80	>80	>80
Colour consistency	Within a six step Macadam ellipse	Within a six step Macadam ellipse	Within a six step Macadam ellipse	Within a six step Macadam ellipse
Rated peak intensity	315.13cd	638.21cd	928.52cd	1619.17cd
Rated beam angle	110°	110°	110°	110°
Voltage / Frequency	240V~50-60Hz	240V~50-60Hz	240V~50-60Hz	240V~50-60Hz
This product contains a Light Source of Energy Efficiency Class E				
Not suitable for accent lighting				



See website for more information on
replacability and recycling



Email: sales@eterna-lighting.co.uk / technical@eterna-lighting.co.uk

Visit our website: www.eterna-lighting.co.uk

Made in China

Issue 1022

INSTALLATION INSTRUCTIONS

A guide for qualified electricians



Model:

KFLD10 / KFLD20 / KFLD30 / KFLD50

IP65 10/20/30/50W LED Floodlights

These instructions are provided as a guideline to assist you.

**PLEASE READ THESE INSTRUCTIONS BEFORE INSTALLATION
AND RETAIN FOR FUTURE REFERENCE**

READ THIS FIRST:

Check the pack and make sure you have all of the parts listed on the front of this booklet. If not, contact the outlet where you bought this product.

This product contains glass, care must be taken when assembling, fitting or handling to prevent personal injury or damage to the product.

This product must be installed by a competent person in accordance with the current building and IEE wiring regulations.

As the buyer, installer and/or user of this product it is your own responsibility to ensure that this fitting is fit for the purpose for which you have intended it. Eterna Lighting cannot accept any liability for loss, damage or premature failure resulting from inappropriate use.

This product is designed and constructed according to the principles of the appropriate British Standard and is intended for normal domestic service. Using this fitting in any other environments may result in a shortened working life.

Switch off the mains before commencing installation and remove the appropriate circuit fuse or lock off MCB.

This unit is suitable for outdoor use.

This product is designed for permanent connection to fixed wiring: this must be a suitable circuit (protected with the appropriate MCB or fuse).

Before making fixing hole(s), check that there are no obstructions hidden beneath the mounting surface such as pipes or cables.

Make sure that the fixings are strong enough to support the considerable weight of the fitting and hold it rigidly and safely connected to the mains supply (lighting circuit).

The lamp must be positioned so that there is at least 1m between the bulb and any illuminated surface.

When choosing the location for your new fitting, ensure that the fixings will be anchored in a solid surface e.g. concrete, brick or a joist—do not fix directly onto panelling, cladding, plasterboard etc.

When making connections ensure that the terminals are tightened securely and that no strands of wire protrude. Check that the terminals are tightened onto the bared conductors and not onto any insulation.

This product must be connected to earth termination.

This product is not intended to be used by children and persons with sensory, physical and/or mental impairments that would prevent them from using it safely.

You are advised at every stage of your installation to double-check any electrical connections you have made. After you have completed your installation there are electrical tests that should be carried out, these tests are specified in the current IEE wiring and building regulations.

INSTALLATION:

1. Choose the location for your new light fitting giving considerations to the points listed opposite.
2. Isolate mains.
3. Release bracket by loosening fixing bolts.
4. Using the bracket, mark fixing points and drill fixing holes, according to your chosen fixing method.
5. Slot the floodlight onto the bracket and secure the fixing bolts.
6. Terminate loose ends of wire to an appropriate IP rated junction box or similar, ensuring the below is observed.

Live - Brown / Red
Neutral - Blue / Black
Earth - Yellow / Green
7. Restore power and test the luminaire.
8. Adjust floodlight head towards the area to be illuminated.

LAMP REPLACEMENT:

The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced.

EVENTUALLY, YOU MAY WANT TO REPLACE THIS PRODUCT:

Regulations require the recycling of Waste from Electrical and Electronic Equipment (European "WEEE Directive" effective August 2005—UK WEEE Regulations effective 2nd January 2007). Environment Agency Registered Producer: WEE/ GA0248QZ.

WHEN YOUR PRODUCT COMES TO THE END OF ITS LIFE OR YOU CHOOSE TO REPLACE IT, PLEASE RECYCLE IT WHERE FACILITIES EXIST - DO NOT DISPOSE WITH HOUSEHOLD WASTE.

CLEANING:

Disconnect the power and clean the exterior only of this fitting with a moist (not wet) cloth.

Do not use any chemical or abrasive cleaners.

IF YOU EXPERIENCE PROBLEMS:

If you believe your product is defective, please return it to the place where you bought it. Our Technical Team will gladly advise on any Eterna Lighting product, but may not be able to give specific instructions regarding individual installations.

