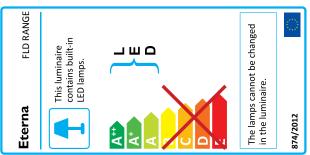
Luminaire lumens (with diffuser) 800 lm 1600 lm 2400 lm 4000 lm Lumens fom chip (no diffuser) 900 lm 1800 lm 2700 lm 4500 lm Useful lumens and liffusery 740 lm 1480 lm 2230 lm 3720 lm Useful lumens and lumens and liffusery class and luminous flux 740 lm 1480 lm 25000 hrs 5000 hrs Steed wattage 100V 25,000 hrs 25,000 hrs 25,000 hrs 25,000 hrs Scolour temperature lamp 4000K 4000K 4000K 4000K Warm-up time up to 60% of failure 12500 12500 12500 Warm-up time up to 60% of failure 12500 12500 12500 Nonimable warm-up time up to 60% of failure 120° 120° 120° Nonimal bean angle 120° No No No No moninal life tume 25,000 hrs 25,000 hrs 25,000 hrs 25,000 hrs Acted lamp lifetime 25,000 hrs 25,000 hrs 25,000 hrs 25,000 hrs Acting time 25,000 hrs 25,000 hrs 25,000	LED LAMP SPECIFICATIONS:	10W	20W	30W	50W
o 900 Im 1800 Im 2700 Im 740 Im 1480 Im 2230 Im 10W 20W 30W the lamp 25,000 hrs 25,000 hrs 5 cycles 12500 12500 hrs 9 cycles 120° 12500 9 cycles 120° 12500 9 cycles 12500 12500 9 cycles 120° 120° 10W No No No 10W 20W 30W 10W 25,000 hrs 25,000 hrs 55,000 hrs 25,000 hrs 25,000 hrs 50,9 20,9 20,9 120° 120° 25,000 hrs 120° 120° 25,000 hrs 120° 25,000 hrs 25,000 hrs 2500 hrs 25,000 hrs 25,000 hrs 2500 hrs 280 2	Luminaire lumens (with diffuser)	800 lm	1600 lm	2400 lm	4000 lm
740 Im 1480 Im 2230 Im 10W 20W 30W 10W 25,000 hrs 25,000 hrs 5 cyles 25,000 hrs 25,000 hrs 9 cycles 12500 12500 12500 12500 12500 60% of Instant full light Instant full light 8 120° 120° 10W 20W 30W 10W 20W 30W 10W 20W 30W 10W 20,000 hrs 25,000 hrs 125,000 hrs 25,000 hrs 25,000 hrs 120° 70% 70% 120c 25,000 hrs 25,000 hrs 25,000 hrs 25,000 hrs 25,000 hrs 26,5s <0.5s	Lumens from chip (no diffuser)	900 lm	1800 lm	2700 lm	
the lamp	Useful lumens	740 lm	1480 lm	2230 lm	3720 lm
the lamp 25,000 hrs 25,000 hrs 25,000 hrs 4000K 4000K 4000K 50.000 hrs 125.00 hrs 125.000 hrs 125.00 hrs 125.00 hrs 125.00 hrs 125.00 hrs 125.00 hrs 120° 120° 120° 120° 120° 120° 120° 120°	Rated Wattage	10W	20W	30W	50W
the lamp 25,000 hrs 25,000 hrs 4000K 4000K 4000K 4000K 4000K 4000K 4000K 4000K 59 cycles 12500 12500 12500 12500 12500 12500 12500 No No No No No 100W 200W 300W 25,000 hrs >0.9 >0.9 >0.9 >0.9 >0.9 >0.9 >0.9 >0.9	Rated luminous flux	740 lm	1480 lm	2230 lm	3720 lm
g cycles 4000K 4000K 4000K np 12500 12500 12500 60% of Instant full light Instant full light Instant full light s 120° 120° 120° s 120° 120° 120° s 120° 120° 120° s 100M 200M 300M s 25,000 hrs 25,000 hrs 25,000 hrs s factor at 70% 70% 70% factor at 70% 70% 280 within a six step Within a six step Macadam ellipse 120° Macadam ellipse 509cd 764cd 120° 120° 120° 2400~50Hz 2400~50Hz	Nominal life time of the lamp	25,000 hrs	25,000 hrs	25,000 hrs	25,000 hrs
gcycles 12500 12500 12500 mp 120% of Instant full light Instant full light Instant full light low No No No low 120° 120° low 2000 3000 low 25,000 hrs 25,000 hrs lactor at 25,000 hrs 25,000 hrs lactor at 70% 70% lactor at 70% 70% within a six step Within a six step Macadam ellipse Macadam ellipse lactor 120° 120° lactor 120° 120°	Colour temperature	4000K	4000K	4000K	4000K
60% of Instant full light Instant full light Instant full light No No No 120° 120° 120° 100W 20W 30W 25,000 hrs 25,000 hrs 25,000 hrs 50.9 >0.9 >0.9 factor at factor at actor 70% 70% Within a six step Mithin a six step Macadam ellipse Within a six step Macadam ellipse 764cd 120° 120° 120° 240V~50Hz 240V~50Hz 240V~50Hz	Number of switching cycles before premature lamp failure	12500	12500	12500	12500
No	Warm-up time up to 60% of the full light output	Instant full light	Instant full light	Instant full light	Instant full light
120° 120°	Dimmable	N 0	No	No	No
10W 20W 30W 30W 25,000 hrs 25,000 hrs 25,000 hrs 25,000 hrs 25,000 hrs 26,000	Nominal beam angle	120°	120°	120°	120°
Factor at 70% 70% 70% 70% 70% 70% 70% 70% 70% 70%	Rated power	10W	20W	30W	50W
50.9 >0.9 >0.9	Rated lamp lifetime	25,000 hrs	25,000 hrs	25,000 hrs	25,000 hrs
Factor at 70%	Lamp power factor	>0.9	>0.9	>0.9	>0.9
 <0.5s <li< td=""><td>Lumen maintenance factor at end of nominal life</td><td>70%</td><td>%02</td><td>%02</td><td>20%</td></li<>	Lumen maintenance factor at end of nominal life	70%	%02	%02	20%
≥80 ≥80 ≥80 ≥80 Within a six step Mithin a six step Macadam ellipse Macadam ellipse Macadam ellipse J55cd 509cd 120° 120° 120° 240V~50Hz 240V~50Hz 240V~50Hz	Starting time	<0.5s	<0.5s	<0.5s	<0.5s
Within a six step Macadam ellipse Macadam ellipse Macadam ellipse Abcadam elli	Colour rendering	>80	>80	>80	>80
255cd 509cd 764cd 120° 120° 120° 240V~50Hz 240V~50Hz 240V~50Hz	Colour consistency	Within a six step Macadam ellipse			
120° 120° 120° 240V~50Hz 240V~50Hz 240V~50Hz	Rated peak intensity	255cd	509cd	764cd	1273cd
240V~50Hz 240V~50Hz 240V~50Hz	Rated beam angle	120°	120°	120°	120°
	Voltage / Frequency	240V~50Hz	240V~50Hz	240V~50Hz	240V~50Hz











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

Made in China



INSTALLATION INSTRUCTIONS

A guide for qualified electricians



Model:

FLD10BK / FLD20BK / FLD30BK / FLD50BK FLD10WH / FLD20WH / FLD30WH / FLD50WH

LED Floodlights With Mounting Bracket

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 light fitting 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. Using this fitting in an environment where there is prolonged periods of use or higher than normal ambient temperatures, 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 suitable for installation on surfaces with normal flammability e.g. wood, plasterboard and masonry. It is not suitable for use on highly flammable surfaces (e.g. polystyrene, textiles).

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.

The lamp must be positioned so that there is at least 1m (1000mm) between the luminaire and any illuminated surface. Floodlights should be positioned well away from flammable materials.

Do not attach to surfaces which are damp, freshly painted or otherwise electrically conductive (e.g. metallic surfaces).

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

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.

LAMP REPLACEMENT:

The light source contained in this luminaire shall only be replaced by the manufacturer, service agent or a similar qualified person.



CAUTION, RISK OF ELECTRIC SHOCK.

CLEANING:

Clean this light fitting only with a soft dry cloth.

Do not use any chemical or abrasive cleaners.

INSTALLATION:

- 1. Choose the location for your new light fitting giving considerations to the points listed opposite.
- 2. Isolate mains.
- Using the bracket, mark fixing points and drill fixing holes, according to your chosen fixing method. See diagram opposite for marking measurements.
- 4. Unscrew connector on back of fitting and make the electrical connections:

Live - Brown / Red Neutral - Blue / Black Earth - Yellow / Green

- 5. Make sure the connector is secured tightly to maintain IP rating.
- 6. Restore power and test the luminaire.
- 7. Adjust the direction of the floodlight and tighten the fixings on back of the fitting.

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.

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.

