

LED Floodlights

Installation guide for LED Floodlights

JCC | a **LEVITON** company

Important information

- It is recommended that luminaires are installed by a qualified electrician to ensure the installation complies with the local current wiring regulations.
- Any broken or damaged parts should be replaced as soon as possible. JCC will not accept responsibility for claims arising from sub-standard installations.
- Do not install in areas that are exposed to continual running water or prone to flooding. Ensure that the mounting surface is both flat and stable.
- These products are designed for connection to a 220-240V~ 50/60Hz supply.
- The light source of this luminaire is not replaceable: When the light source reaches the end of its life, the whole of the luminaire must be replaced.
- It may be necessary to upgrade your MCBs to allow for increased inrush current.
- Terminal block not included. Installation may require advice from a qualified person.

INSTALLATION

ENGLISH

Specifications Colour temp: 4000K Ra: 70

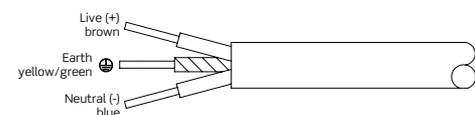
Total circuit wattage	Lumens	LpcW
10W	1000	100
20W	2100	105
30W	2800	93
50W	4500	90

Beam angle: 110°

Available finishes: Black(BLK) or White(WH)

220-240V 50/60Hz / Class I

Figure 1. Mains input



Wiring colours are for reference only

Terminal block must comply to EN 60998-2-1 or EN 60998-2-2

Terminal block specification:

Number of Ways	3
Mounting Type	Through Hole
Pitch	8mm
Current Rating	24A
Termination Method	Screw Down
Wire Size	2.5 mm ²
Material	Nylon
Voltage Rating	380 V
Maximum Operating Temp	+125°C
Contact Material	Brass
Contact Plating	Nickel

PIR Specification

Time Delay:	10s±3s--10min±3s
Ambient Light:	10lux-2000lux
Detection Distance:	5-8m
Detection Range:	120°
Installation Height:	3m
Standby Power Consumption:	≤0.5W

*PIR versions IP44 only

General Maintenance Requirements

This product has no user serviceable parts. JCC Lighting Products would recommend that the following maintenance is performed in order to prolong the life of this product: Clean with a damp cloth and dry with a lint free cloth or kitchen towel. Do not use abrasive cleaners.

- Read instructions and check that you have all of the tools and accessories required to complete the installation correctly. Isolate power supply before starting the installation.

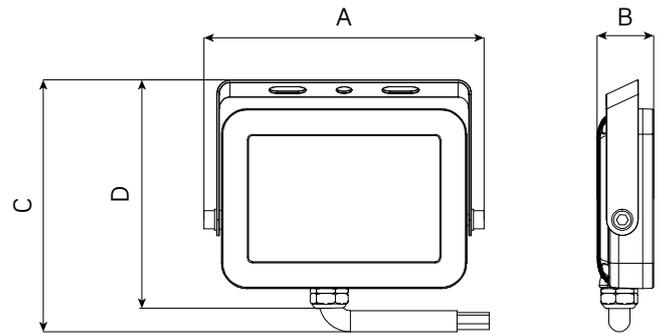
Installation procedure

- Prepare the mains input cable for termination. Note that this product is class I and as such must be fitted with an earth connection.
- Drill mounting holes and insert suitable wall plugs.
- Rotate fitting to access screw mounting points on the bracket and secure using suitable fixings..
- Terminate input wiring to the fitting as per Fig. 1 to the left using a suitable IP rated connector.
- Check seals, gaskets and the cable gland integrity before testing the luminaire.
- Turn on power supply and test for correct operation.

Profile & Dimensions

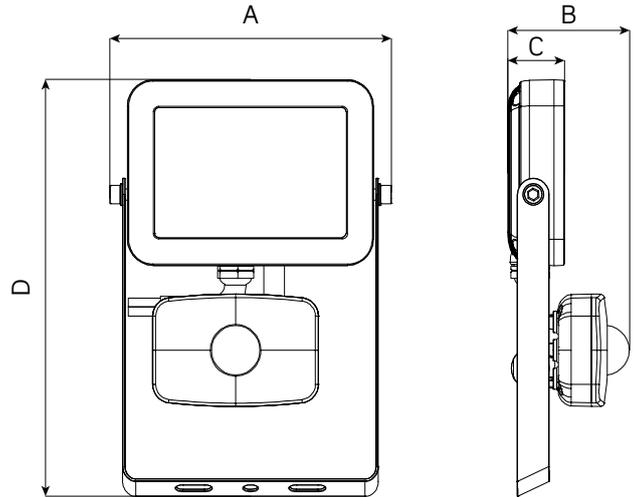
Standard fitting

	A	B	C	D
10W	131.4	26.5	119	107.8
20W	184.2	28.3	156.1	141.1
30W	214.1	30.4	177.5	162.5
50W	231.2	32.3	197.4	183



Fitting with PIR

	A	B	C	D
10W + PIR	131.4	56.9	26.5	190.8
20W + PIR	184.2	55.5	28.3	232
30W + PIR	214.1	58.3	30.4	278
50W + PIR	231.2	58.8	32.3	308.7



All dimensions in millimetres

Important warranty information

LED Floodlights are supported by a 3 year extended warranty; which must be registered online at jcc.co.uk/warranty.

The installer will be asked to provide the following information, which is detailed on a label attached to the luminaire's chassis: Product Code/Batch Code.