

RadiaLED Style Range Installation guide



Important information

- It is recommended that luminaires are installed by a qualified electrician to ensure the installation complies with the local current wiring regulations. BS7671:2008 & local building control.
- All test should be carried out in accordance to EN 50172:2004.
- These products are designed for connection to a 220-240V 50/60Hz supply.
- This product is for indoor use or exterior covered walkways only
- 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.
- Any broken or damaged parts should be replaced as soon as possible. JCC will not accept responsibility for claims arising from sub-standard installations.

INSTALLATION

ENGLISH

Specifications: Input : 220-240V~ 50/60Hz Class 1 ⚡ Ra: 80

JCC Code	Wattage	Colour Temp	Lumens	LpcW
JC234201	12W	4000K	1025	85
JC234201EM	12W	4000K	1025	85
JC234201MW	12W	4000K	1025	85
JC234201EM/MW	12W	4000K	1025	85
JC234202	14W	4000K	1250	89
JC234202EM	14W	4000K	1250	89
JC234202MW	14W	4000K	1250	89
JC234202EM/MW	14W	4000K	1250	89
JC234203	30W	4000K	2900	97
JC234203EM	30W	4000K	2900	97
JC234203MW	30W	4000K	2900	97
JC234203EM/MW	30W	4000K	2900	97

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.

Important User Advice

It is recommended that the ambient room temperature should not exceed 30°C. Ensure that there is adequate free air ventilation around the fitting. The installation must not infringe on water pipes or any other electrical services. Always switch off mains supply before fitting or servicing.

Installation

- Remove diffuser from luminaire by rotating the diffuser anti-clockwise.
- All termination points are under the LED tray, and this can be removed by loosening the locating screws and rotating the tray until keyhole slots allow removal.
- Ensure incoming cables are weather protected.
- Pass supply wires through grommet.
- Fix base in desired location, taking care to avoid hidden pipes and cables.
- Make connections as per figure.1. and connect required dimming control where appropriate
- Re-attach LED tray to mounts and tighten screws.
- Adjust microwave sensor using details shown in figure 2.
- Replace diffuser by rotating clockwise until tight.
- Switch on mains and test for correct operation

Figure.1

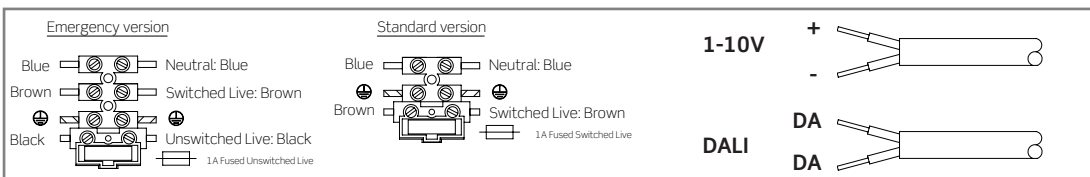
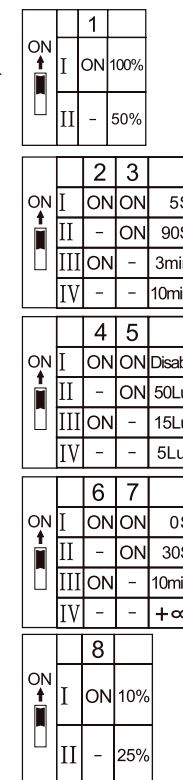


Figure.2



Detection area

Detection area can be reduced by selecting the combination on the DIP switches to suite the application

Hold time

Refers to the time period the fitting remains at 100% illumination after no motion detected

Daylight sensor

The sensor can be set to allow the fitting to illuminate below a defined ambient brightness threshold. When set to Disable mode, the daylight sensor will switch on the fitting when motion is detected regardless of ambient light level 50lux: twilight operation, 15 lux, 5 lux: darkness operation only

Corridor function(standby period)

Refers to the time period the fitting remains at low light level before it completely switches off in absence of any motion detected. When set to "+∞", the low light is maintained until motion is detected. When set to "0s" the light will turn off after the hold time

Standby DIM level

Select the % of light output when there is no motion detected

FAQ's	Fault	Remedy
The light will not switch on	Incorrect daylight sensor setting selected	Adjust setting
	luminaire fault	Replace fitting
	power is switched off	Switch on
The light is permanently on	Continous movement in the detection area	Check detection area setting
	The luminaire is installed in an area too close to reflective surfaces i.e. metal, glass, concrete walls	1. Ensure installation are is suitable with atleast 30cm space between luminaire and surrounding reflective surfaces. 2 . Reduce sensitivity(detection area)
Light will not illuminate, despite movement	Speed of moving object is not in the range of 0.5~3m/s or detection radius is too small	Check detection area setting

Important warranty information

This product is supported by a 5 year extended warranty(batteries 2 year), 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.



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