


# Commercial LED Downlights

## Installation instructions for LED commercial downlights

### Warnings & Cautions

- To avoid electric shock, serious injury or property damage, isolate power before installing, removing or servicing the product.
- 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.
- Standard product non-dimmable, add suffix "DIM" for DALI/1-10V dimmable version.
- This product is for indoor use only and should not be covered by any insulated material. 
- It may be necessary to upgrade your MCBs to allow for increased inrush current.
- These products are designed for connection to a mains supply of 220-240V~ 50/60Hz.
- It may be necessary to upgrade your MCBs to allow for increased inrush current.

## INSTALLATION

ENGLISH

### Installation procedure


- Cut the mounting hole in the ceiling, refer to Fig.1. (JCC recommends that a sample hole is cut in a section of spare material to familiarize yourself with the process).
- Ensure there is a minimum of 75mm space around the fitting. DO NOT COVER the fitting with insulation as indicated by this symbol  on the luminaire.
- Connect the mains supply to the Luminaire driver as per Fig.2.
- Connect the required dimming control as per Fig.3
- Turn on the power supply to test the fitting. Once satisfied that the luminaire is functioning correctly, press the spring clips against the side of the luminaire and fit into the aperture.

Figure 1.

Variant	Driver output VDC	Cut out size
18W	25-40VDC(400mA)	Ø120mm-130mm
25W	33-40VDC(600mA)	Ø120mm-130mm
35W	33-40VDC(850mA)	Ø160mm-170mm

Figure 2.

#### Electrical connection

220-240V~ 50/60Hz / Class II 

LIVE = BROWN

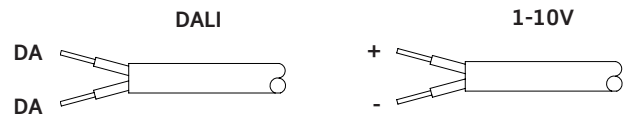
NEUTRAL = BLUE



Double insulated- no earth required

Code	Wattage	Colour Temperature	Lumens	LpcW
JC54300	18W	4000K	1960	109
JC54301	25W	4000K	2700	108
JC54302	35W	4000K	3960	113
JC54400	18W	3000K	1960	109
JC54401	25W	3000K	2700	108
JC54402	35W	3000K	3960	113

Figure 3.

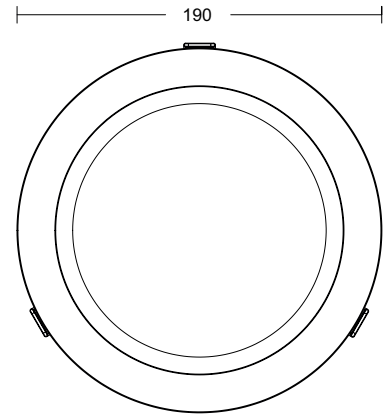
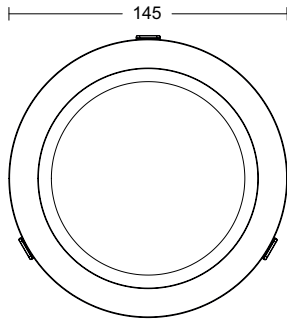
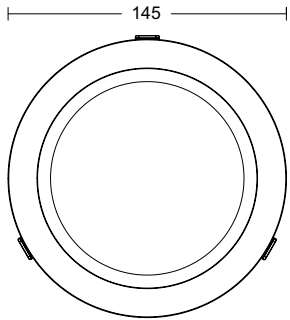
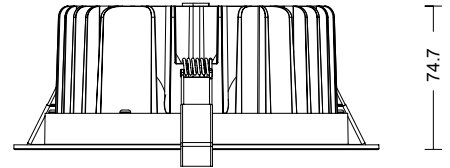
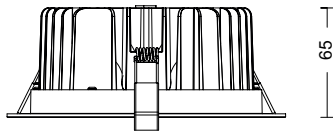
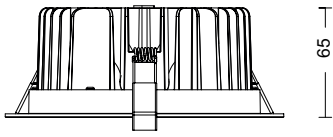


## Profile & Dimensions

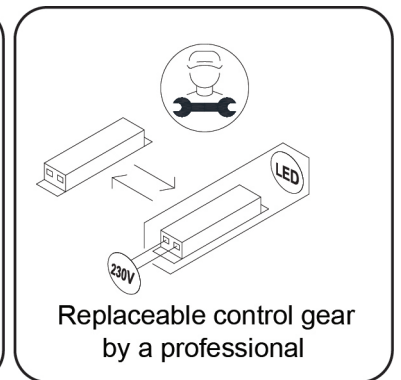
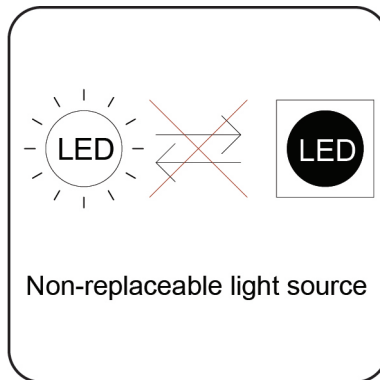
18W

25W

35W



All dimensions in millimetres



You can help protect the environment. Please remember to respect the local regulations: hand in the non-working electrical equipment to an appropriate waste disposal centre. The packaging material is recyclable. Dispose of the packaging in an environmentally friendly manner and make it available for the recyclable material collection service.

### Important warranty information

This product is supported by a 2-year standard warranty which will extend to 5-years if registered within the first year of purchase. Please register at [jcc.co.uk/warranty](http://jcc.co.uk/warranty) (Terms and conditions apply).

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