

# Rakula™ Surface Mount

Installation instructions for LED commercial downlights

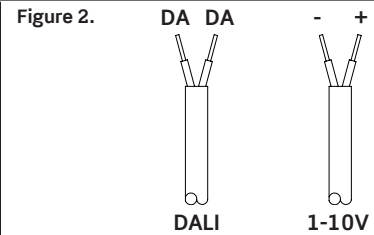
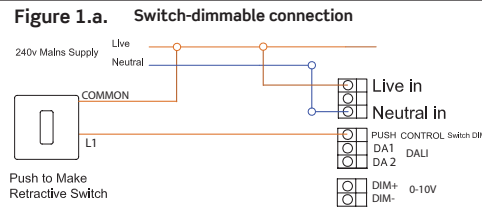
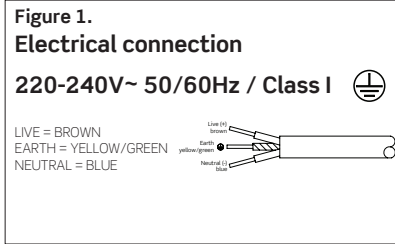


## Warnings & Cautions

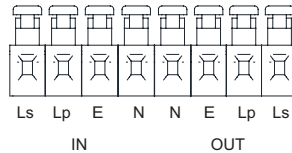
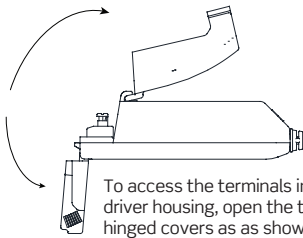
- To avoid electric shock, serious injury or property damage, isolate power before installing, removing or servicing the product.
- It is recommended that luminaires are installed by a qualified electrician to ensure the installation complies with the local current wiring regulations.
- Any broken or damaged parts should be replaced as soon as possible. JCC will not accept responsibility for claims arising from sub-standard installations; which will void the warranty.
- It may be necessary to upgrade your MCBs to allow for increased inrush current.
- This product is suitable for indoor use only
- Read instructions and check that you have all of the tools and accessories required to complete the installation correctly. Isolate power supply before starting installation.
- This product is designed for connection to a 220-240V~ 50/60Hz.
- Rakula recessed downlight is IP20 when installed in the Surface mounted can

## INSTALLATION

ENGLISH



**Note: the non-dimmable version driver terminal connection is an 8 pole loop in/loop out with earth provision and permanent live for continuous wiring.**



Ls = Live switched  
Lp = Live permanent  
E = Earth  
N = Neutral  
N = Neutral  
E = Earth  
Lp = Live permanent  
Ls = Live switched

Loop in

Loop out

Wiring preparation

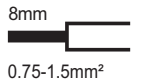


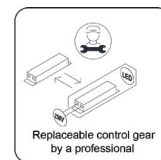
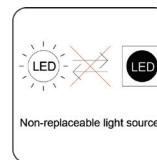
Table A

Code	Wattage	Dimmable	Colour Temperature	Lumens (up to)	LpcW (up to)
JC74025WH	14/20W	Non-dimmable	3000/4000/5700K	2380	119
JC74025BLK	14/20W	Non-dimmable	3000/4000/5700K	2380	119
JC74026WH	14/20W	Triac	3000/4000/5700K	2380	119
JC74026BLK	14/20W	Triac	3000/4000/5700K	2380	119
JC74027WH	14/20W	DALI/1-10V/Sw dim	3000/4000/5700K	2380	119
JC74027BLK	14/20W	DALI/1-10V/Sw dim	3000/4000/5700K	2380	119
JC74028WH	24/35W	Non-dimmable	3000/4000/5700K	4270	122
JC74028BLK	24/35W	Non-dimmable	3000/4000/5700K	4270	122
JC74029WH	24/35W	DALI/1-10V/Sw dim	3000/4000/5700K	4270	122
JC74029BLK	24/35W	DALI/1-10V/Sw dim	3000/4000/5700K	4270	122

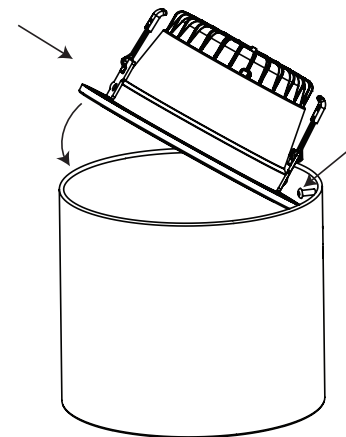
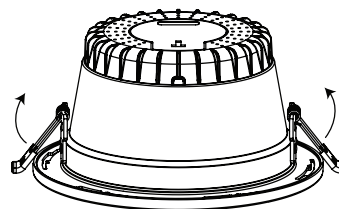
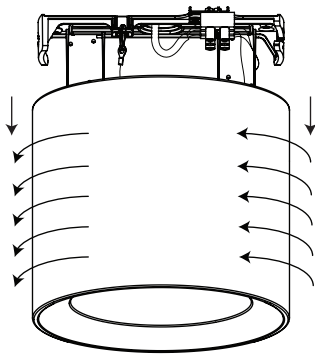
Note: 24/35W version not available as Triac dimmable

Table B

Rakula™ IP65	Driver output VDC Non-dim	Driver output VDC Triac	Driver output VDC DALI	Mount bracket fixing point centres
14/20W	30-40VDC	30-40VDC	14-42VDC	150mm
24/35W	30-40VDC	N/A	14-42VDC	200mm



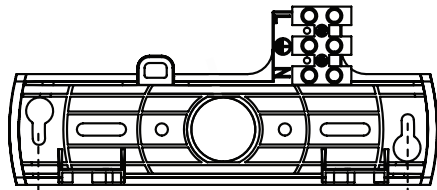
## Installation of luminaire into body if purchased separately



1. Rotate surface mounting bracket anti-clockwise and disconnect earth lead and safety cable.

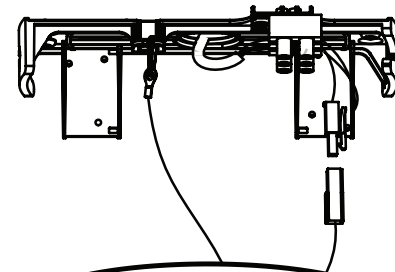
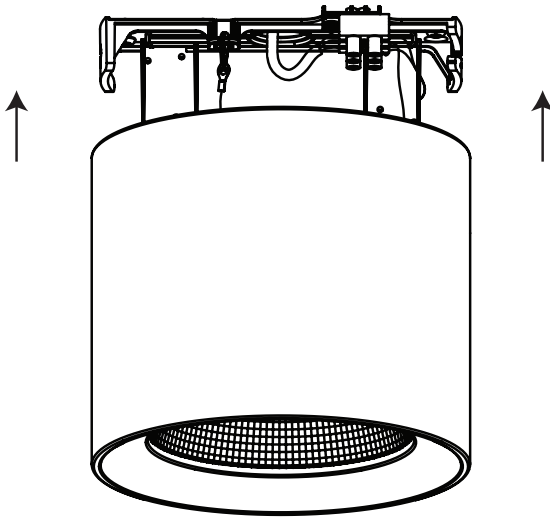
2. Lift spring clips up so they are against the fitting body. (do not remove rim from body)

3. Tilt fitting so that the front lip goes under the bracket locating lug, lower opposite side into the body and release spring clips gently so they are against the inside of the body and lower the fitting to the bottom of the body.



14/20W 150mm fixing centres  
24/35W 200mm fixing centres

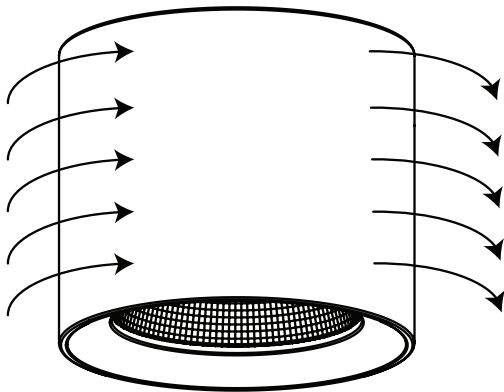
4. Install the surface bracket, ensuring mains supply is fed through the centre, terminate supply into the terminal block attached to the bracket, this is a Class I product and must be earthed.



5. Attach the security cable from the body to the bracket and re-connect the earth lead.

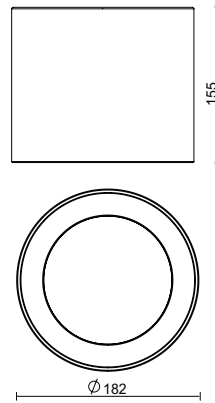
6. Connect the mains input supply from the terminal block to the fitting driver making sure the output (LV) from the driver to the body of the fitting is connected. Connect dimming controls where required, depending driver.

7. Lift up the body ensuring that the driver is sitting centrally on the top of the fitting body and clear of obstruction from the mounting bracket vertical tabs. Make sure the internal lugs are offset from the end of the surface brackets until the body is flush with the mounting surface.

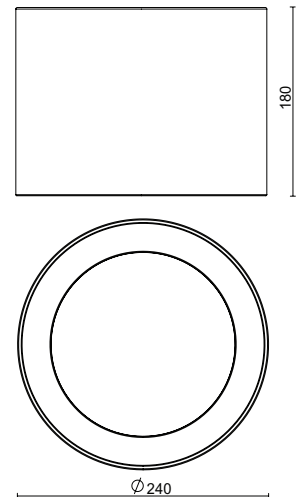


8. Rotate the body clockwise until the lugs align with the slots in the bracket, apply slight rotational pressure to click the body securely into the bracket.

**14/20W**



**24/35W**



All dimensions in millimetres

UK CA CE RoHS Compliant IP20 [jcc.co.uk](http://jcc.co.uk)

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.