Skydisc™ CCT/Wattage selectable

Installation instructions for LED commercial downlights

JCC | a LEVITON company

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.

INSTALLATION

ENGLISH

Figure 1.
Electrical connection
220-240V~ 50/60Hz / Class II □

LIVE = BROWN

NEUTRAL = BLUE

Double insulated- no earth required

Figure 1.a. Switch-dimmable connection

Live
Neutral
240v Mains Supply

Live In
Neutral in
Push Control
DA (L)
DA (N)
1-10V (+)
1-10V (-)

COM
L1

Push to Make
Retractive Switch

Figure 2.

DA DA   - +

DALI   1-10V

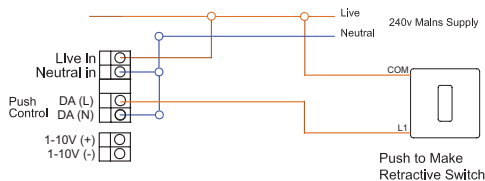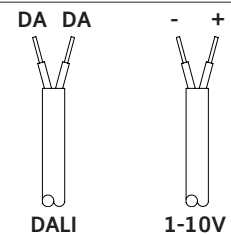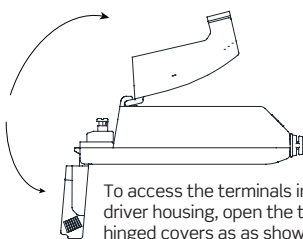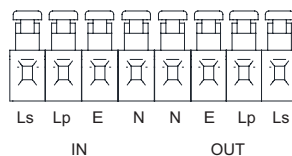**Note: the non-dimmable version driver terminal connection is an 8 pole loop in/loop out with earth provision and permanent live for continuous wiring.**

To access the terminals inside the driver housing, open the top and bottom hinged covers as as shown above.

Ls Lp E N   N E Lp Ls
  IN   OUT

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

Loop in

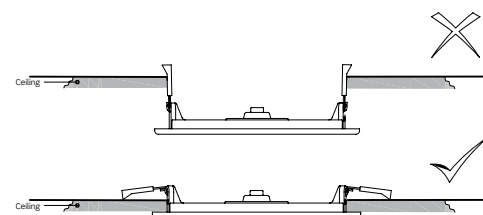**Loop out**

Wiring preparation

8mm

0.75-1.5mm²

Table A

Code	Wattage	Dimmable	Colour Temperature	Lumens (up to)	LpcW (up to)
JC72001	4/6W	Triac	3000/4000/5700K	570	103
JC72002	6/9W	Non-dimmable	3000/4000/5700K	950	117
JC72003	8/12W	Triac	3000/4000/5700K	1340	112
JC72004	8/12W	DALI/1-10V/Sw dim	3000/4000/5700K	1340	112
JC72005	11/16W	Non-dimmable	3000/4000/5700K	1840	118
JC72006	12/17W	Triac	3000/4000/5700K	1790	129
JC72007	12/17W	DALI/1-10V/Sw dim	3000/4000/5700K	1790	129
JC72008	14/20W	Non-dimmable	3000/4000/5700K	2310	129
JC72009	14/20W	Triac	3000/4000/5700K	2310	129
JC72010	14/20W	DALI/1-10V/Sw dim	3000/4000/5700K	2310	129

Table B

Skydisc™ IP65	Driver output VDC Non-dim	Driver output VDC Triac	Driver output VDC DALI	Cut out size
4/6W	N/A	45-54VDC	N/A	Ø102mm-110mm
6/9W	60-75 VDC	N/A	N/A	Ø150mm-160mm
8/12W	N/A	60-75VDC	12-83VDC	Ø150mm-160mm
11/16W	60-75VDC	N/A	N/A	Ø200mm-210mm
12/17W	N/A	60-75	12-83VDC	Ø200mm-210mm
14/20W	70-85VDC	60-83VDC	12-83VDC	Ø220mm-230mm

1. Cut the mounting hole in the ceiling (refer to Table B). (JCC recommends that a sample hole is cut in a section of spare material to familiarize yourself with the process).
2. 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.
3. Connect the mains supply to the luminaire driver as above.Fig1/1.a/2 depending on whether dimmable on non dimmable.
4. Select preferred colour temperature using the switch on the rear of the fitting, **(Always isolate power before changing CCT)**
5. 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.
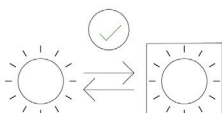
Note: when fitting the luminaire do not partially install as shown below as this can cause damage to the fitting ie. if decorating.

Ceiling

Ceiling

Replaceable light source by an end user

Replaceable control gear by a professional

PLEASE NOTE

When converting to emergency version using JCEM002/JCEM002ST, to access DC connectors open the clear cover on the opposite end of the mains input on the DC side of the driver. Once connected, replace connectors inside driver and refit cover.

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.
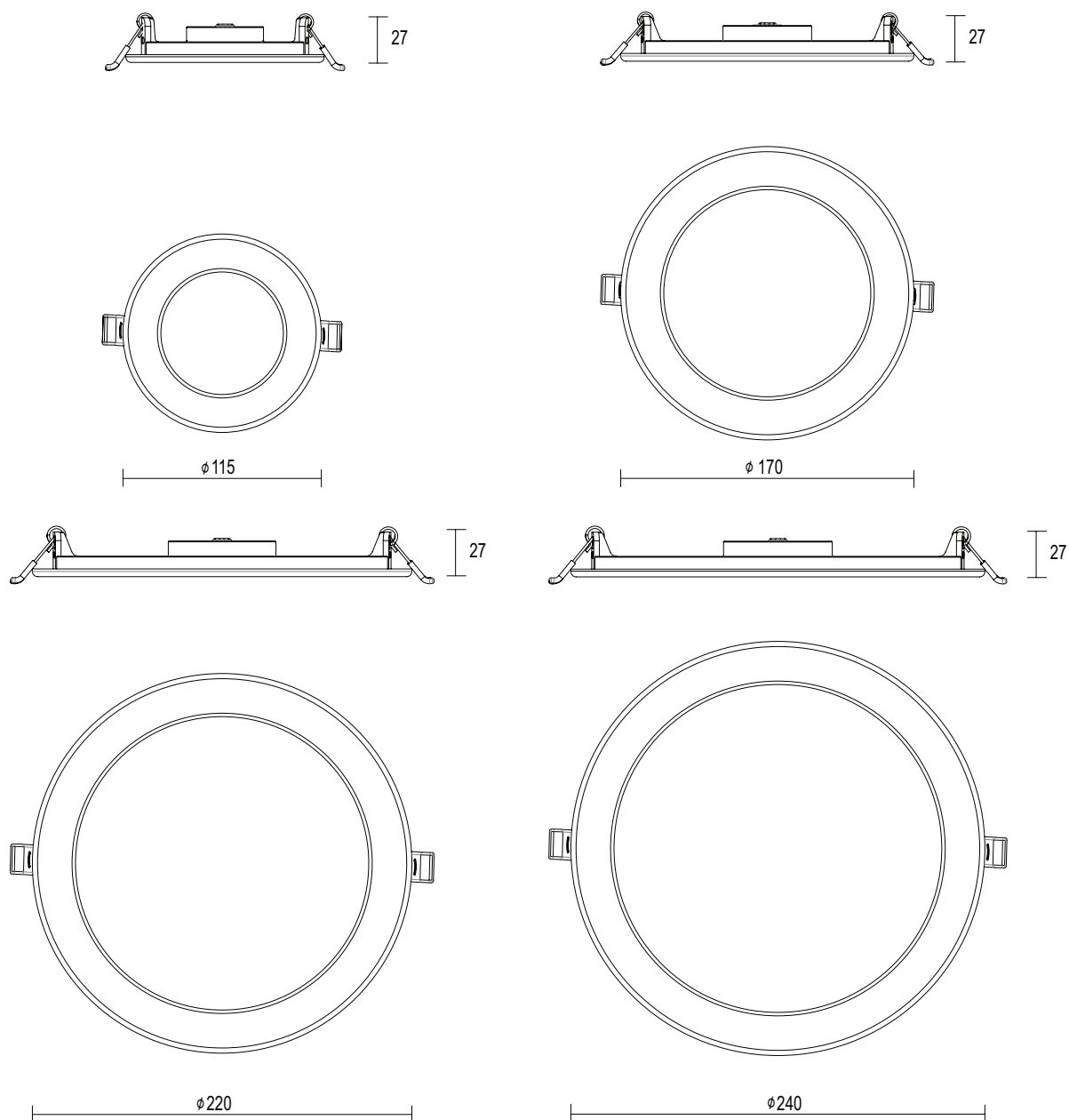
Profile & Dimensions

27

27

φ 115

φ 170

27

27

φ 220

φ 240

All dimensions in millimetres

UK CA   CE   RoHS Compliant   IP65   Do not cover   jcc.co.uk

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 (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.