

Installation Instructions for: RXD Downlight

- Product luminaires comply with BSEN60598 Class 2.
- This luminaire has an ambient temperature range of 5°C to 25°C



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Cutout Dimensions

Note: Max. Ceiling Thickness 20mm

Cut a hole of the appropriate size in the ceiling tile/plasterboard.

Feed mains cable through cut out

A

Charge Indicator Bracket for emergency luminaires with accessories only

A1 Cut additional slot adjacent to luminaire cutout

A2 Bend bracket to required ceiling thickness, and insert LED & LED mounting clip from luminaire bezel

A3 Slide bracket over ceiling in line with the pre-cut slot

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If flying lead is not supplied, disconnect the lid from the end of gear pod, by snapping the connecting points

Once wiring has been completed. Place lid back in position and screw to secure

Insert gear pod into cut out, so it is concealed behind ceiling panel/plasterboard

3 RXD Wiring Instructions - Ensure mains supply is turned OFF

Wiring (Gear box)

Mains

L - Brown (Switched) Live
⊕ - Green/Yellow (Earth)
N - Blue (Neutral)

Mains with Dimming

DALI / 1-10V -
DALI / 1-10V +

L - Brown (Switched) Live
⊕ - Green/Yellow (Earth)
N - Blue (Neutral)

Emergency

L1 - (Unswitched) Live
L - Brown (Switched) Live
⊕ - Green/Yellow (Earth)
N - Blue (Neutral)

Wiring (Flying Lead)

Mains with Dimming

DALI / 1-10V -
N - Blue (Neutral)
⊕ - Green/Yellow (Earth)
DALI / 1-10V +
L - Brown (Live)

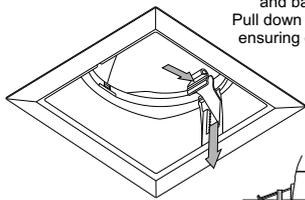
Emergency with Dimming

DALI / 1-10V +
DALI / 1-10V -
L1 - (Unswitched) Live
N - Blue (Neutral)
⊕ - Green/Yellow (Earth)
L - Brown (Switched) Live

4

Fixing Clips

Insert clips into gaps at front and back of downlight. Pull down to lock into position, ensuring downlight is secure

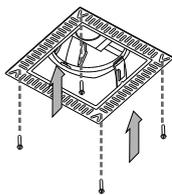
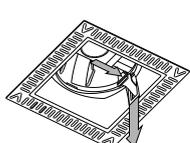


Note: Max. Ceiling Thickness 20mm

For Trimless Bezel

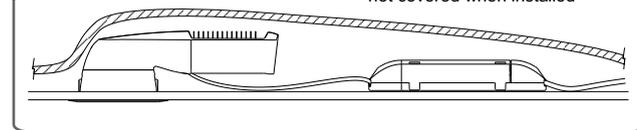
Fixing clips

Fixing screws (not supplied)



Insert downlight into cut out and hold in place, ensure fixing clips are to hand ready for fixing

IMPORTANT NOTE: Ensure housing is not covered when installed

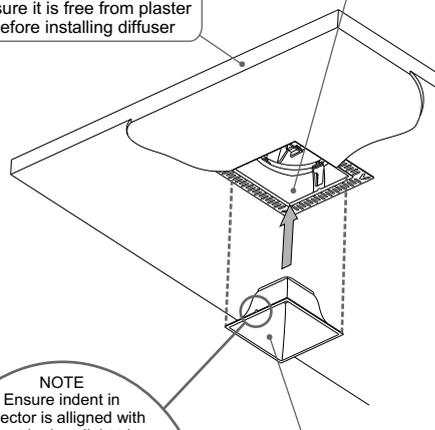


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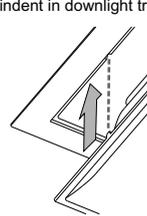
For Trimless Bezel

Plaster surface area, covering trim of downlight. Make sure the inside edge of trimless bezel is cleaned to ensure it is free from plaster before installing diffuser

Gloves supplied must be used when installing diffuser



NOTE
Ensure indent in reflector is aligned with indent in downlight trim



Insert reflector, click to lock into position.

Blue - N
Brown - L
Yellow/Green - 

Safe Operation

1. Check the rating label for voltage and frequency before connecting this luminaire to the electrical supply.
2. Ensure that the mains supply is switched off when working on this luminaire, whether installing or carrying out any other servicing.
3. Do not mount luminaire on or close to readily flammable materials.
4. To prevent damage to driver, do not mix with conventional magnetic ballasts on the same electrical circuit.
5. Where use in more onerous situations is required, e.g. In part-completed buildings before "drying-out" is completed, or areas where ambient temperatures are outside the normal temperature range, then consult our Sales Office.
6. The light output of the product may cause injuries to human eyes in circumstances where the product is viewed directly with unshielded eyes for more than a few seconds.

Servicing and Disposal

1. At commissioning and handing over of installation ensure that a copy of these instructions is presented to the authority responsible for the operation and maintenance of the luminaires.
2. Servicing, e.g. cleaning, must only be carried out after the electricity supply has been switched off. It must not be assumed that luminaires with lamps not lit are switched off-always check before servicing.
3. Cleaning should be carried out at regular intervals to ensure that dirt does not accumulate to an extent that will impair the thermal safety or optical performance of the luminaire. Regular cleaning will also ensure that the optical performance of the luminaires is maintained.
4. Avoid touching the LED array surface. To clean - Blow surface with either dry air or nitrogen gas.
5. At the end of life the luminaire is classed as WEEE under directive 2002/96/EC and should be disposed of in accordance with local legislation.

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