PRODUCT SPECIFICATION

COMTEC WALLWASH

Dextra
GROUP PLC

MADE IN BRITAIN
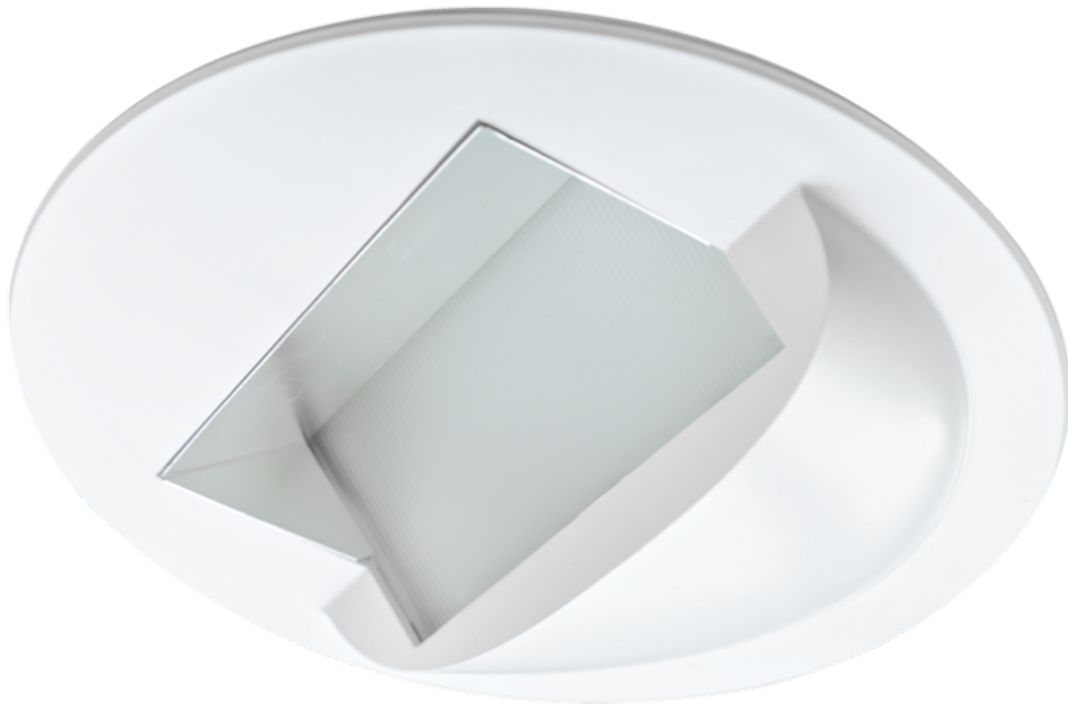
INTRODUCTION

In applications such as retail, education, museums and art galleries, effective lighting of displays is essential to grab the attention of customers or to enable visitors to see every detail of an exhibit. With a directional broad beam distribution, the Comtec Wallwash is the ideal solution for such applications, providing a powerful wallwash effect with minimal power consumption.

By incorporating either one or two chip on board sources into a downlight housing with a minimal scoop below the ceiling surface the Comtec Wallwash is extremely discreet compared to typical wallwash solutions so ensures that the display can be highlighted effectively without the luminaire distracting the attention of the viewer.

The Comtec Wallwash is available in 2500lm and 5000lm versions and can be specified to suit all common dimming systems. A range of colour temperature and rendering options are also available for applications such as retail and art displays where colour definition is critical.

We offer a range of wireless control systems providing localised grouping and control as well as comprehensive wireless solutions allowing both standard and emergency luminaires to be centrally monitored.

UK
CA   CE IP20 3 STEP MACADAM ELLIPSE

APPLICATION

- Accent Lighting
- Display Lighting

- Education
- Hotel / Leisure
- Retail

SPECIFICATION

CONSTRUCTION

- Housing: Injection moulded polycarbonate
- Finish: Polyester powder painted BS 00E55 matt white 60% gloss
- Finish: Polyester powder painted RAL 9005 matt black
- Diffuser: 5mm toughened glass
- IP20

;
PERFORMANCE

- Part L2 compliant
- 3SDCM Three step Macadams ellipse
- TM21: L90>60K Hours / L80>90K Hours
- Up to 90 luminaire lumens per circuit Watt.

;
ENVIRONMENTAL

- Designed to allow simple replacement of components with commonly available tools in compliance with the Eco Design Directive, please see the installation leaflet for maintenance instructions.
- Powered by European branded drivers and emergency modules ensuring replacement parts are easily sourced.
- Every luminaire is labelled with a unique ID number allowing easy identification of spare parts for the lifetime of the product.
- Contains no single use plastics or polystyrene packaging.
- Supplied in plain card boxes with paper tape ensuring packaging is easily recycled.
- Designed to allow simple disassembly for end of life recycling.
- UK based manufacturing providing local support throughout the product lifetime and minimising transportation miles.

;
EMERGENCY

- Not available with emergency

;
CONTROL

- Optional compatibility with a range of dimming systems including DALI, DSI and Switch Dimming
- Optional integral Reacta-Link for integration with Reacta-Link wireless installations
- Optional integral Reacta-Control for integration with Reacta-Control wireless installations

;

INSTALLATION

- Suitable for plasterboard installation
- Suitable for mineral fibre ceiling tile installation

;

VARIATIONS

- Available with a wide range of colour temperatures and renderings
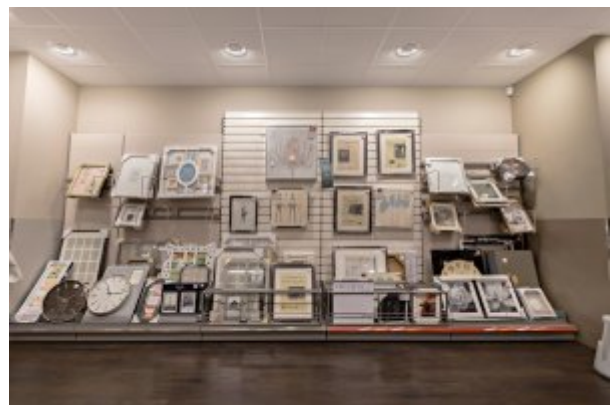- Available in a range of lumen outputs
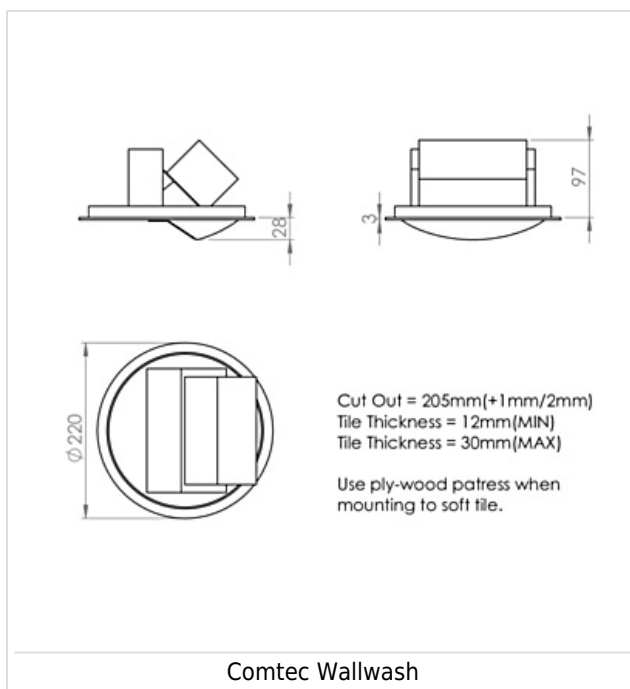
;

IMAGES

PRODUCT IMAGES

Comtec Wallwash

PROJECT IMAGES

TECHNICAL

Cut Out = 205mm(+1mm/2mm)
Tile Thickness = 12mm(MIN)
Tile Thickness = 30mm(MAX)

Use ply-wood patress when mounting to soft tile.

Comtec Wallwash

WARRANTY

At Dextra our commitment to service has been at the forefront throughout our history spanning more than forty years in the UK lighting market. Our service ethos extends beyond design and delivery, we believe supporting your installation throughout the warranty period is equally crucial, whilst the strength and longevity of Dextra Group provides peace of mind that our warranty will be supported throughout.

The Dextra range is supplied with a five year warranty commencing from the date of delivery. During the first three years

defects will be repaired on site and the warranty will include both parts and labour. For the final two years drivers, emergency modules, wireless modules, sensors and LED circuits will be supplied free of charge to replace defective components, labour and other associated costs are not included.

Certain ranges and components are subject to exemptions:

- Lithium batteries are provided with a five year warranty. During the first three years defects will be repaired on site and the warranty will include both parts and labour. For the final two years replacement batteries will be supplied free of charge to replace defective components. Five year warranty became effective as of 03/02/25, Lithium emergency luminaires supplied prior to this date are supported with a three year on site warranty only. Labour and other associated costs are not included. Nickel Metal Hydride and Nickel Cadmium batteries are provided with a one year warranty for parts and labour.

- Emergency luminaires including AME LED, EXI LED, EXI3, EXI Track, HBE LED, HBE3, OAT2 LED, OEZ2 and Twinspot are supplied with a one year warranty for parts and labour. Lithium variants suffixed with the 5YR part code, the Autotest emergency with the LA3 part code and wireless variants with LA3RC or LSTR part codes are supplied with a five year warranty. For these extended warranty variants for the first three years defects will be repaired on site and the warranty will include both parts and labour. For the final two years replacement batteries will be supplied free of charge to replace defective components.

- Protec Micro, PTECF7 Fire Rated Downlights, Serenus and the Opus Sconce are provided with a five year replacement luminaire only warranty. Protec FR Fire Rated Downlights are provided with a 2 year replacement luminaire only warranty.

- Controls systems such as standalone sensors, switches, marshalling boxes and cabling are provided with a one year warranty for both parts and labour. DALI control systems are provided with a two year warranty for both parts and labour.

- LEDextra ranges are supplied with a three year parts or replacement luminaire only warranty with the exception of the IMPR RGBW, the Runway RBGW, the MOD RGBW, Tanek RGBW and the DexRing. These five ranges are supplied with our standard five year warranty during which defects within the first three years will be repaired on site and the warranty includes both parts and labour. For the final two years free of charge replacement components only will be supplied to rectify any failures but labour and other associated costs are not included.

- LEDEX ranges are supplied with a three year replacement luminaire only warranty.

- The Decorative Pendant ranges, Bebo, Dene, Nova, Fino and Stix are supplied with a 3 year replacement luminaire only warranty.

All warranties are subject to correct use of the product and will be invalidated by misuse, for example incorrect installation, unsuitable environmental conditions or incorrect maintenance. It is the duty of the customer to ensure that all the fault lies with the luminaire prior to requesting replacement parts or site repairs. In the event that no defect is found with the product our costs for attending site will be recharged to the customer and credit will not be issued against returned products. No consequential losses incurred resulting from any defect with our product will be reimbursed.

Given the nature of LED technology a small percentage of LEDs may fail during the lifetime of a luminaire, this does not

cause a reduction in lumen output. As such LED luminaires are only deemed to be faulty for warranty purposes when in excess of ten percent of LEDs have failed in a single luminaire.

On site repair of products under warranty will be undertaken during normal working hours, 9am to 5pm Monday to Friday, and will require unrestricted access to luminaires. Where required Dextra will provide access equipment to carry out repairs at height, should luminaires have been installed in locations where reasonable provision for maintenance access has not been made we reserve the right to supply replacement product only. On site warranty repairs will only be undertaken on the mainland of the UK and Ireland, in all other locations replacement product only will be provided.

If you require any assistance with regards to our products please contact our Customer Services department on 01747 858100.

ORDER CODES

LUMINAIRE

Code	Description	Power	Llm/W
CTECWW L25	Comtec Wallwash, 1,406llm, Colour 84	16.1W	87
CTECWW L50	Comtec Wallwash, 2,742llm, Colour 84	31.9W	86

DIMMING

Code	Description
A	DALI Digital Addressable Lighting Interface
S	Switch Dimming
D	DSI Digital Dimming
H	HFR Analogue 1-10v
C	Bi-Level Dimming For Standalone Switched Sensor

CONTROL

Code	Description
RLI	Reacta-Link, Wireless Enabled Luminaire
RC	Reacta-Control, Wireless Enabled Luminaire
RCSS	Reacta-Control Standalone Sensor, Presence & Daylight 2.5-4M, Use with RC Luminaires
RLS REMOTE SENSOR	Reacta-Link Standalone Sensor, Presence, 2.5-4M, Use with RLI Luminaires (sold separately)
RAD	Reacta-Air, Wireless Enabled Luminaire
RASS	Reacta-Air Standalone Sensor, Presence, 2.5-4M, Use with RAD Luminaires (sold separately)
RASSD	Reacta-Air Standalone Sensor, Presence & Daylight, 2.5-4M, Use with RAD Luminaires (sold separately)

*Sensor supplied with luminaire for installation in adjacent ceiling tile.

Please click here for full details on our wireless controls.

MISCELLANEOUS

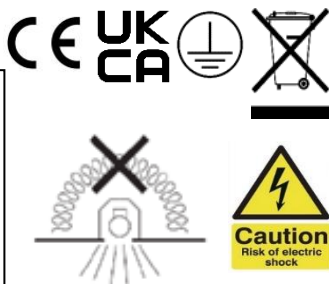| Code	Description
4PM	4 Pole Panel Mount
6PM	6 Pole Panel Mount
INFILL	Infill Rings to Suit Over Size Ceiling Cut Out, Please Specify Size when Ordering.
LSF	Low Smoke Zero Halogen

Comtec Wallwash Installation

Dextra GROUP PLC

220-240V / 50-60Hz
IP20

CE UKCA

Terminal Labelling:

Power
L1	Switched Live
E ⏚	Earth
N	Neutral

Emergency
L2	Unswitched Live
DA/AT3	DALI Autotest
DA/AT3	DALI Autotest

Dimming
-/D1/DA	Analogue/DSI/DALI
+/D2/DA	Analogue/DSI/DALI
L3	Switch Dim / Corridor Function

Caution Risk of electric shock

WARNING: Luminaire must be earthed. Risk of electric shock from LED boards if operated with cover removed. Installation / operation outside of luminaires intended scope invalidates warranty. Suitable only for domestic / light industrial / industrial applications within the scope of EN55015. Tested to compliance with BSEN 60598: specification for general requirements and tests. Must be installed by a suitably qualified person in accordance with all relevant legislation. Ambient operating temperature of 0°C to 25°C. If maximum operating temperature is exceeded luminaire will automatically dim / switch off. Terminal blocks are rated to 16A unless stated otherwise. The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person. **LUMINAIRES WITH EMERGENCY PACK:** When supply is isolated battery output terminals may be live if battery is connected. Isolate mains and battery before servicing. Emergency luminaires require unswitched live connection taken from same phase as switched supply. When unswitched supply is connected status indicator illuminates green, when unswitched supply is disconnected indicator extinguishes and luminaire operates in emergency mode. 24 hour charge period required before undertaking full discharge test. Emergency test sheets provided should be used to record all emergency tests. Batteries should be replaced when 3 hour duration is not met. Excessive switching of permanent live may result in premature battery failure. Battery electrolyte can be harmful to eyes / open wounds, do not puncture, if electrolyte touches skin / eyes flush with water. Do not incinerate batteries.

1.
Unpack luminaire
(note – luminaire is complete and ready to install, female connector supplied loose)
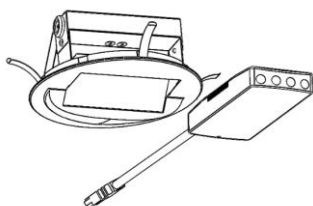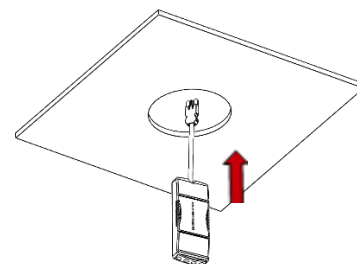

Optimum Installation
1200mm from the wall
1800mm between fittings

2.
Cut out a **205mm** diameter hole in the centre of the selected tile. Use ply-wood pattress when mounting to soft tile.
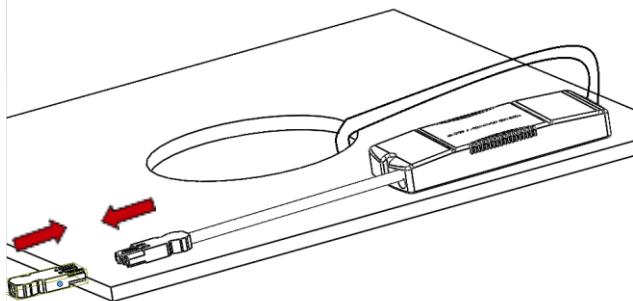
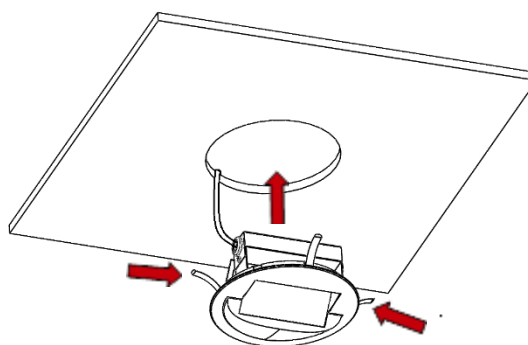**Ceiling depth:**

Max = 30mm

Min = 10mm

Feed the Driver and 3 pole connector through the cut out into the ceiling void above.
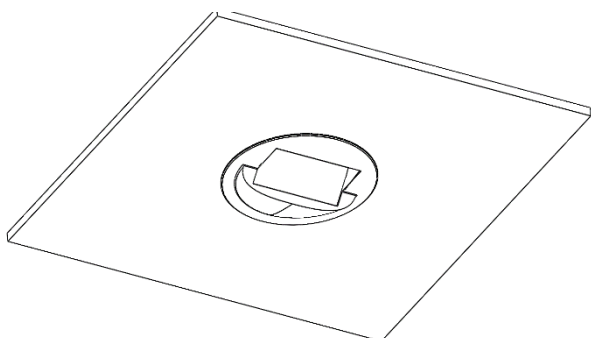

3.
Connect the fitting to the power supply.

4.
Offer the fitting up to the 205mm hole. Compress the springs inwards then push the fitting up into the void.

5.
The springs will pull the fitting up flush with the front face of the ceiling tile.


6.

Comtec Wallwash Installation

Dextra GROUP PLC

Maintenance

1. Disconnect luminaire before undertaking any maintenance or cleaning.

2. Cleaning should be undertaken on external parts of the luminaire only using a slightly damp lint free cloth.

3. To access LED circuit use a pan pozi screwdriver to remove bracket.

4. Use a pan pozi screwdriver to remove reflector and LED circuit.

5. Driver is maintainable. Endcaps are removable.

6. Please contact Dextra for assistance with spare component supply.

LED Circuit

Driver
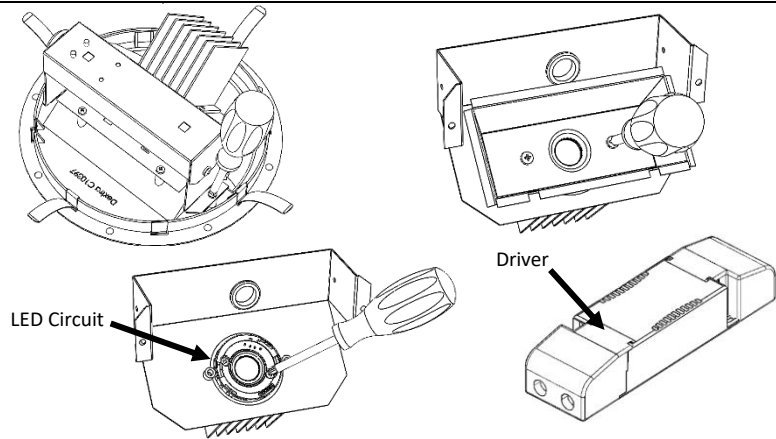
Generic Infill Ring Installation Guide

Dextra
GROUP PLC

220-240V / 50-60Hz
IP**

CE
UKCA
Caution
Risk of electric shock

Terminal Labelling:
Power
L1	Switched Live
E ⏚	Earth
N	Neutral

Emergency
L2	Unswitched Live
DA/AT3	DALI Autotest
DA/AT3	DALI Autotest

Dimming
|	
-/D1/DA	Analogue/DSI/DALI
+/D2/DA	Analogue/DSI/DALI
L3	Switch Dim / Corridor Function

WARNING: Luminaire must be earthed. Risk of electric shock from LED boards if operated with cover removed. Installation / operation outside of luminaires intended scope invalidates warranty. Suitable only for domestic / light industrial / industrial applications within the scope of EN55015. Tested to compliance with BSEN 60598: specification for general requirements and tests. Must be installed by a suitably qualified person in accordance with all relevant legislation. Ambient operating temperature of 0°C to 25°C. If maximum operating temperature is exceeded luminaire will automatically dim / switch off. Terminal blocks are rated to 16A unless stated otherwise. The light source is non replaceable. **LUMINAIRES WITH EMERGENCY PACK**: When supply is isolated battery output terminals may be live if battery is connected. Isolate mains and battery before servicing. Emergency luminaires require unswitched live connection taken from same phase as switched supply. When unswitched supply is connected status indicator illuminates green, when unswitched supply is disconnected indicator extinguishes and luminaire operates in emergency mode. 24 hour charge period required before undertaking full discharge test. Emergency test sheets provided should be used to record all emergency tests. Batteries should be replaced when 3 hour duration is not met. Excessive switching of permanent live may result in premature battery failure. Battery electrolyte can be harmful to eyes / open wounds, do not puncture, if electrolyte touches skin / eyes flush with water. Do not incinerate batteries.

1.

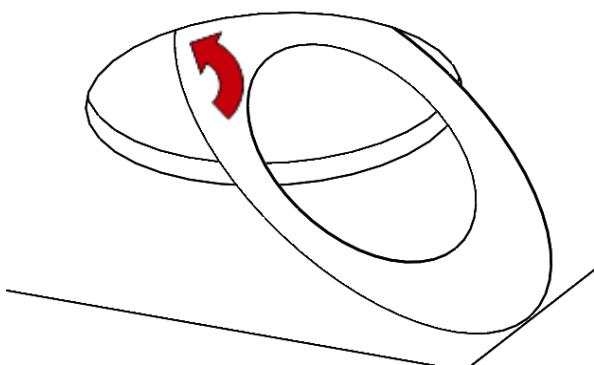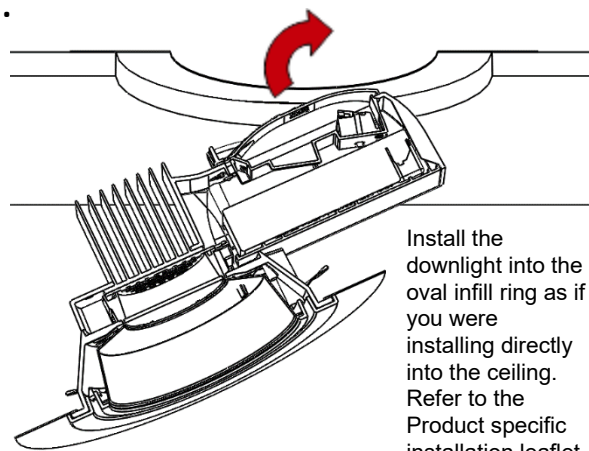Attach the circular infill ring to the downlight.
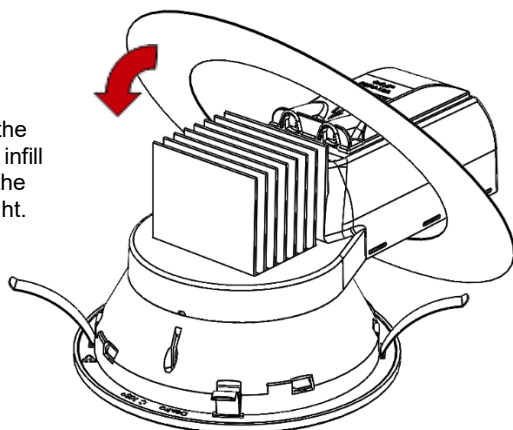
2.
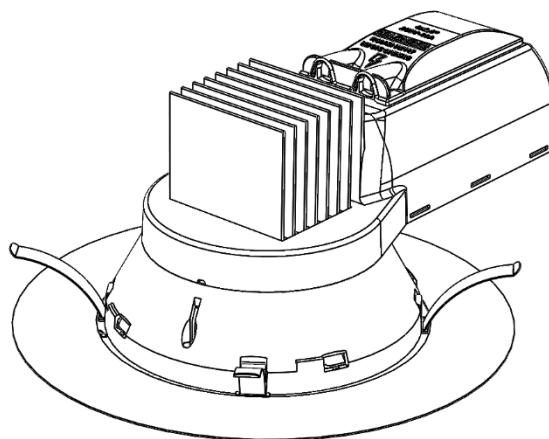
3. Insert the oval infill ring through the aperture in the ceiling and let it rest on the ceiling. The oval infill ring should be narrow enough to fit through your ceiling aperture.
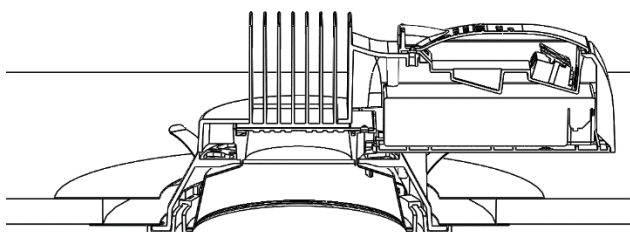
4.

Install the downlight into the oval infill ring as if you were installing directly into the ceiling. Refer to the Product specific installation leaflet.

5.

The downlight will need to be centralised in the ceiling aperture to ensure no gaps are visible.

6.