



# PRODUCT SPECIFICATION

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ELISIAN



## INTRODUCTION

The Elisian offers an attractive polo ring design adding visual interest to installations whilst also allowing simple inclusion of sensor controls for both presence detection and daylight regulation. With a shallow housing of just 65mm the Elisian is ideal for restricted void spaces whilst the four sprung steel clips allow it to be installed quickly and simply into plasterboard, mineral fibre and metal pan ceiling tiles. The Elisian is available with either an opal diffuser or low glare microprism where compliance to glare requirements is required, as well as offering a range of lumen outputs and colour temperatures. The Elisian can also include integral lithium emergency where required as well as wireless sensor controls where luminaires need to be grouped for simultaneous operation or for central reporting. A wide range of infill rings are available where the Elisian needs to be retrofitted to suit existing ceiling cut outs.

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.

	CE	IP40	TM21: L90>60K HOURS / L80>90K HOURS	3 STEP MACADAM ELLIPSE
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## ELISIAN - APPLICATION

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- Canteen
- Commercial / Offices
- Corridor
- Education
- Healthcare / Social Housing
- Hotel / Leisure
- Industrial / Manufacturing
- Office
- Retail
- Toilet
- Transport
- Warehouse / Storage

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## ELISIAN - SPECIFICATION

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### CONSTRUCTION

- Housing: Spun aluminium
- Finish: Polyester powder painted BS 00E55 matt white 60% gloss
- Diffuser: 2mm high transmission opal polycarbonate TP(a) rated
- Diffuser: Combined 2mm extruded clear polycarbonate and 2mm microprism anti glare PMMA
- IP40

### PERFORMANCE

- Part L2 compliant
- BSEN 12464-1:2011 3000 Candela 65° and UGR 19 compliance
- 3SDCM Three step Macadams ellipse
- TM21: L90>60K Hours / L80>90K Hours
- Up to 119 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**

- Available with optional standard, self test and autotest integral emergency with lithium batteries for extended warranty and lifetime.
- Optional Reacta-Link wireless emergency for automated centralised reporting.
- Optional Reacta-Control wireless emergency for automated centralised reporting.
- Optional central battery changeover relay

## **CONTROL**

- Optional compatibility with a range of dimming systems including DALI, DSI and Switch Dimming
- Optional Integral R44 presence and daylight sensor
- Optional Integral Reacta-Air wireless presence and daylight regulations sensor
- 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
- Suitable for metal ceiling tile installation

## **VARIATIONS**

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

## ELISIAN - IMAGES



Elisian Microprism



Elisian Opal



Elisian Opal Lit



Elisian Microprism Lit



Elisian R44 and Emergency



Elisian diffuser comparison



NSCG using the Elisian & Runway Continuous Suspended



NSCG using the Elisian





NSCG using the Elisian



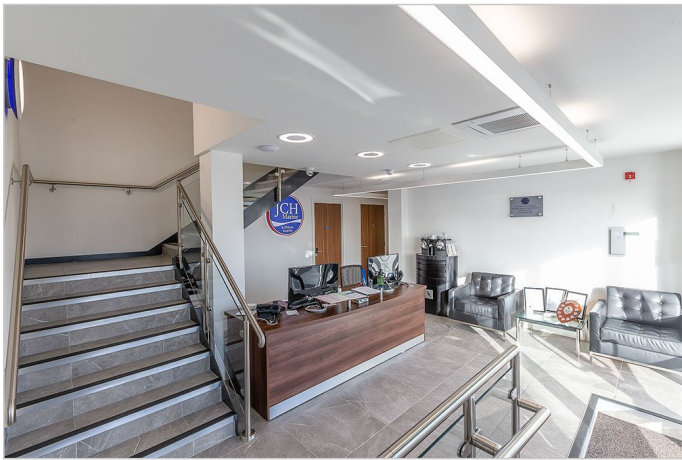
NSCG using the Elisian & Runway Continuous Suspended



Mercury Theatre using the Elisian



JCH Marine using the Elisian



JCH Marine using the Elisian & Runway Suspended Continuous

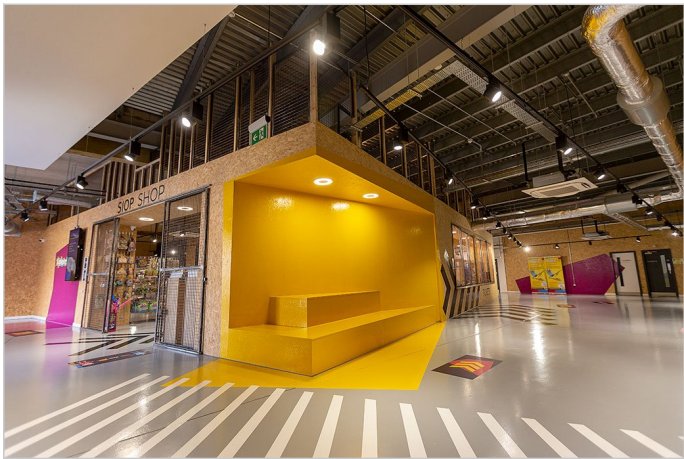


JCH Marine using the Runway Suspended Continuous & Elisian





Xplore! Science Discovery Centre using the Elisian.

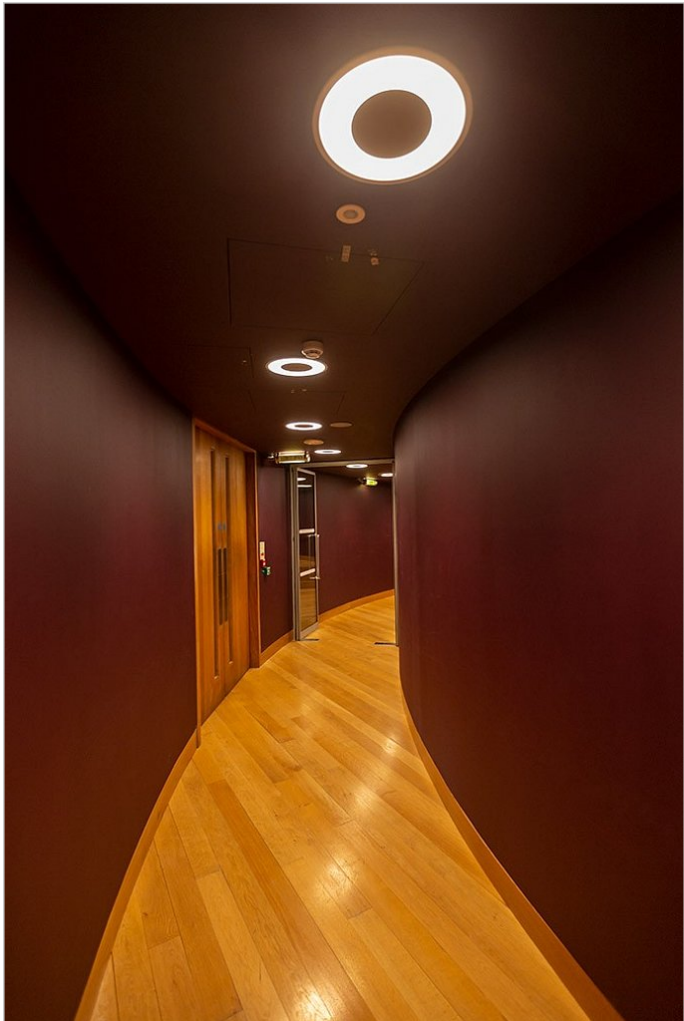


Xplore! Science Discovery Centre using the Elisian.

Xplore! Science Discovery Centre using the Elisian.



Space Inflaters using the Elisian



The Senedd Siambr using the Elisian

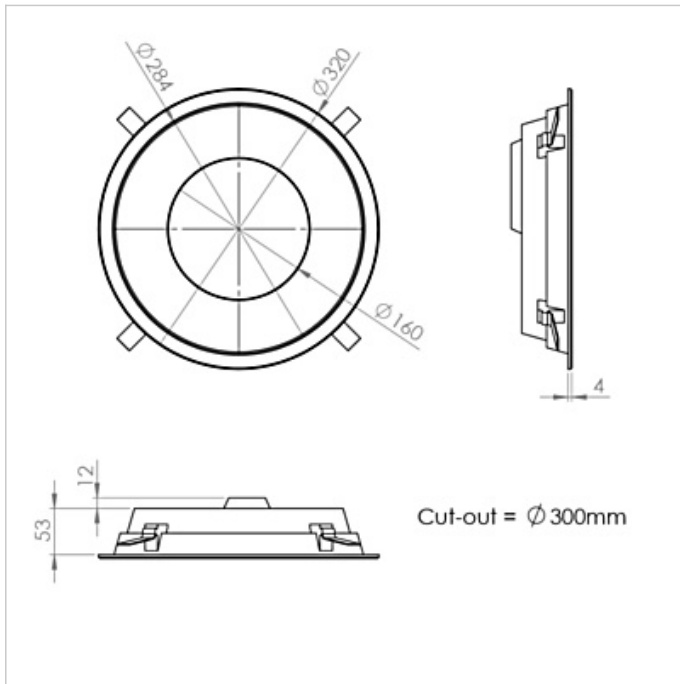


The Senedd Siambr using the Elisian



The Senedd Siambr using the Elisian





Elisian

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## ELISIAN - WARRANTY

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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, EXI2 LED, EXI Track, HBE LED, HBE2 LED, OAT2 LED, OEZ LED 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 RGBW, 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.**



## ELISIAN - ORDER CODES

### LUMINAIRE CODES

Code	Description	Power	Llm/W
ELN L14	Elisian, 1,104llm, Colour 84	9.6W	115
ELN L20	Elisian, 1,597llm, Colour 84	13.4W	119
ELN L30	Elisian, 2,316llm, Colour 84	19.8W	117
ELN L40	Elisian, 3,163llm, Colour 84	27.1W	116
ELN L50	Elisian, 3,956llm, Colour 84	34.3W	115

Luminaire lumen values are based on Opal diffuser

### OPTIC

Code	Description
OP	Opal Diffuser
MP	Microprism Diffuser

### DIMMING

Code	Description
A	DALI Digital Addressable Lighting Interface
S	Switch Dimming
D	DSI Digital Dimming
C	Bi-Level Dimming For Standalone Switched Sensor

Switch Dim not available in L14 variants

### CONTROL

Code	Description
R44	Reacta 44, Presence & Daylight, 2.5-7M
RAS	Reacta-Air Bluetooth, Wireless, Presence & Daylight, 2.5-3M
RLI	Reacta-Link, Wireless Enabled Luminaire
RLS	Reacta-Link Wireless, Presence & Daylight, 2.5M-5M
RC	Reacta-Control, Wireless Enabled Luminaire
RCS	Reacta-Control Wireless, Presence & Daylight, 2.5-4M

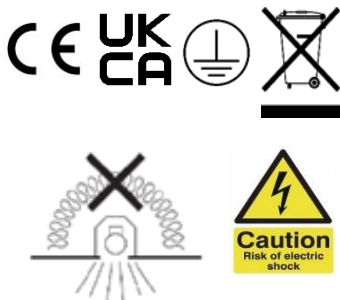
### EMERGENCY

Code	Description
LE3	Lithium Standard Emergency 3 Hour
LS3	Lithium Selftest Emergency 3 Hour
LA3	Lithium Autotest Emergency 3 Hour
LSTR	Lithium Reacta-Link Emergency 3 Hour
LA3RC	Lithium Reacta-Control Emergency 3 Hour
CB	Central Battery, Please Specify 110V or 230V when Ordering

### MISCELLANEOUS

Code	Description
C**	Select Colour Temperature and Rendering; C827, C83, C84, C85, C865, C93, C94
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

220-240V / 50-60Hz  
IP40 (below ceiling)



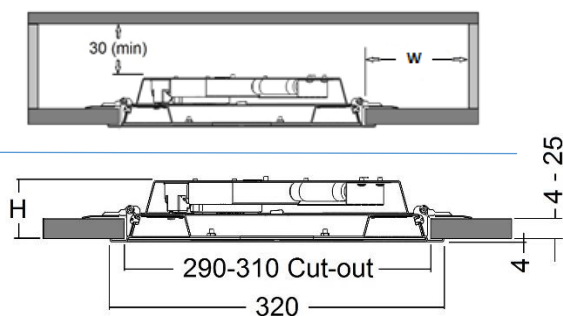
## Terminal Labelling:

<b>Power</b>	
L1	Switched Live
E	Earth
N	Neutral
<b>Emergency</b>	
L2	Unswitched Live
DA/AT3	DALI Autotest
DA/AT3	DALI Autotest
<b>Dimming</b>	
-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 contained in this luminaire shall only be replaced by the manufacturer itself or his service agent or a similar qualified person.

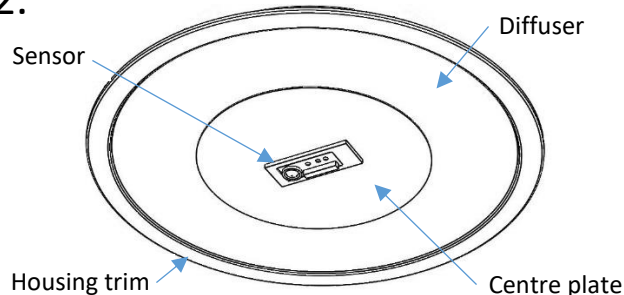
**LUMINAIRES WITH EMERGENCY PACK:** When supply is isolated battery output terminals may be live if battery is connected. Isolate mains and battery before servicing. Emergency luminaires require unswitched live connection taken from same phase as switched supply. When unswitched supply is connected status 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. W = 130mm (ELN).....= 180mm (ELN EA)



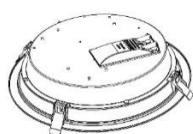
H = 70mm (ELN).....= 95mm (ELN 4PM)

2.



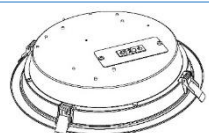
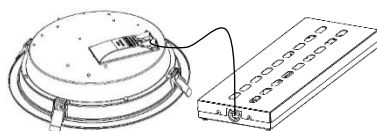
ELN is offered in various types – for versions with integral sensors and / or emergency control gear, additional components are mounted in the centre disc

3.



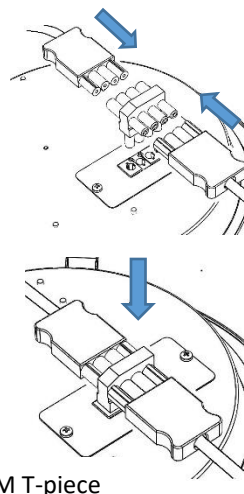
ELN (standard version with back-access terminal connector 'piano-key' type)

ELN EA (Remote box with 'piano-key' connector)

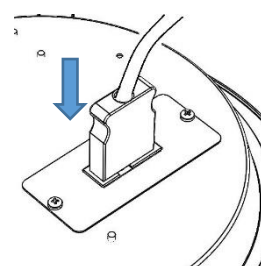


ELN 4PM (option with 4 <or 6-pole> GST-18 socket – allows for fast-fix connection between fittings using T-piece)

4.



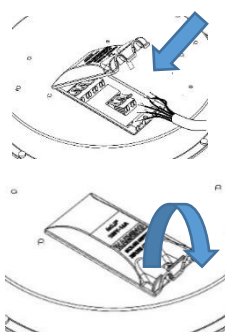
4PM T-piece



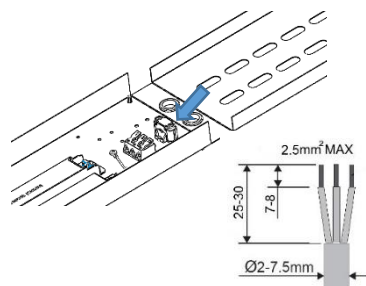
4PM – individual connection. Note that in this instance, the required void depth needs to be higher – (150mm minimum)

5.

ELN Standard

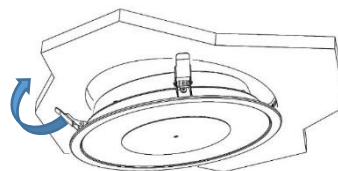


ELN EA



220-240V ~ 50/60Hz

6.

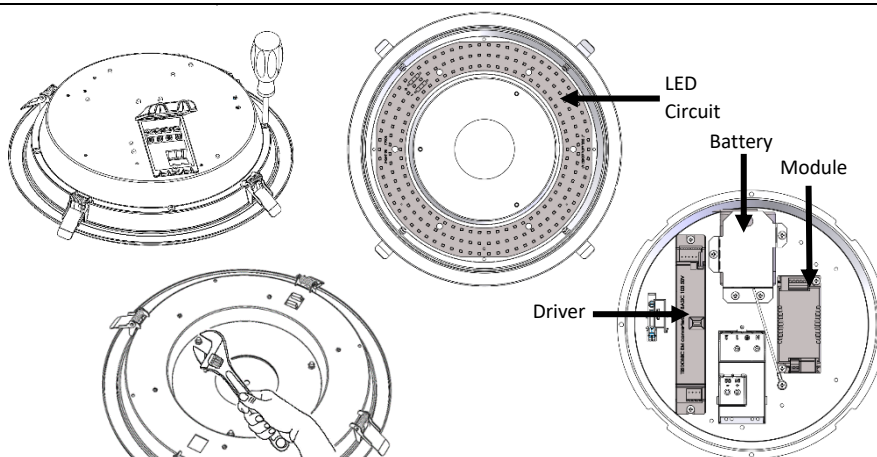


Once electrical connection is made, offer fixture in to aperture. (ELN EA – First offer remote pack into the ceiling void)

Retract 2No adjacent springs – fit in ceiling – retract remaining 2No springs to complete installation

## 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 Use a pan pozi screwdriver to remove screws from housing to access gear.
- 4 Using a spanner remove nuts from all screws to access LED circuit.
- 5 To remove components use a pan pozi screwdriver.
- 6 Please contact Dextra for assistance with spare component supply.





# Generic Infill Ring Installation Guide

220-240V / 50-60Hz

IP\*\*



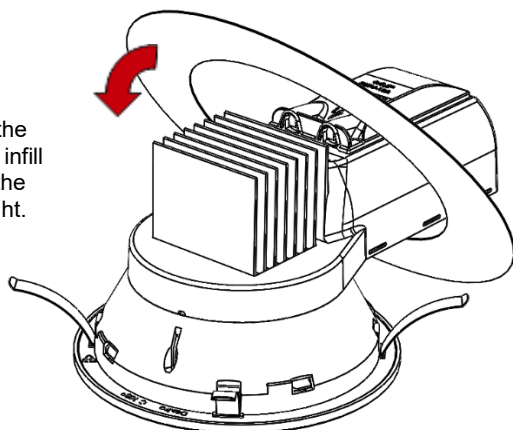
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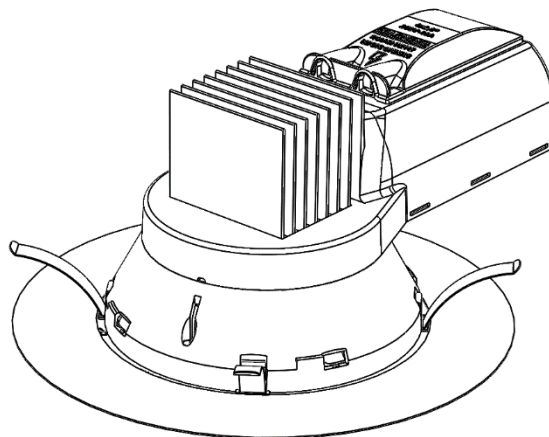
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1.

Attach the circular infill ring to the downlight.

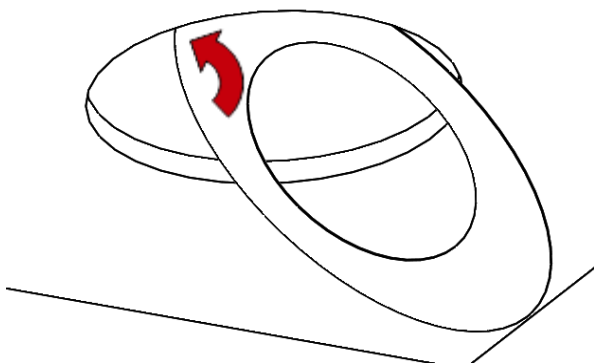


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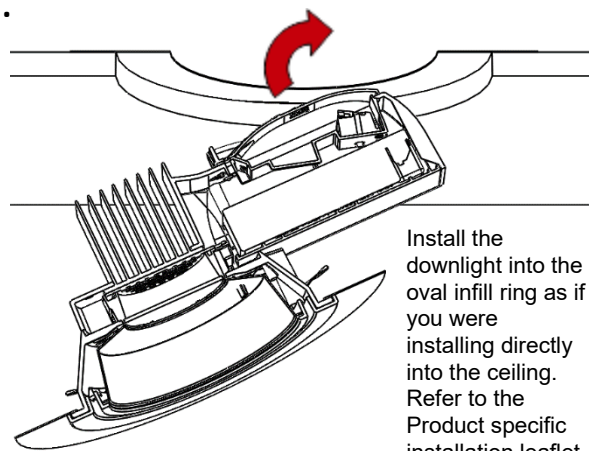


3.

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.

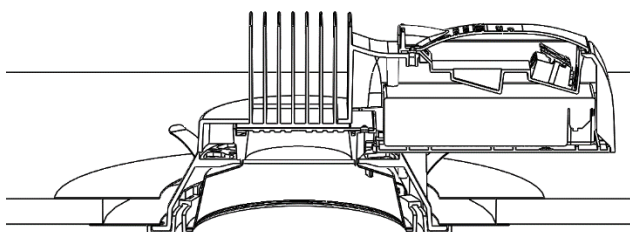


4.



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.