



## PRODUCT SPECIFICATION

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GYRO-LIGHT 1



## INTRODUCTION

The Gyro-Light introduces a new aspect to our product range, allowing us to offer recessed gimbal luminaires individually or clustered, with each head being capable of pivoting and rotating allowing you to highlight displays effectively and consistently. With a black powder coated steel housing and high quality die cast aluminium heads this new range combines a pleasing aesthetic with a sturdy construction. Available in single, twin, triple and quadruple head configurations in a wide range of lumen outputs with 3000K or 4000K colour temperatures, the Gyro-Light is fast becoming the fitting of choice for retailers nationwide.

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

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## APPLICATION

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- Commercial / Offices
- Education
- Healthcare / Social Housing
- Hotel / Leisure
- Retail

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## SPECIFICATION

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### CONSTRUCTION

- Housing: High pressure die cast aluminium
- Finish: Polyester powder painted RAL 9016 textura matt white
- Finish: Polyester powder painted RAL 9005 textura matt black
- Reflector: Specular aluminium
- IP20

### PERFORMANCE

- Part L2 compliant
- 3SDCM Three step Macadams ellipse
- TM21: L90>60K Hours / L80>100K Hours
- Up to 121 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 housing sizes and lumen outputs
- Available in white or black finishes

**IMAGES**

PRODUCT IMAGES



PROJECT IMAGES



Aico Training School using the Gyro Light. (LED flex tape provided by LEDextra)



The Gyro Light in use at the Westerly Mini garage

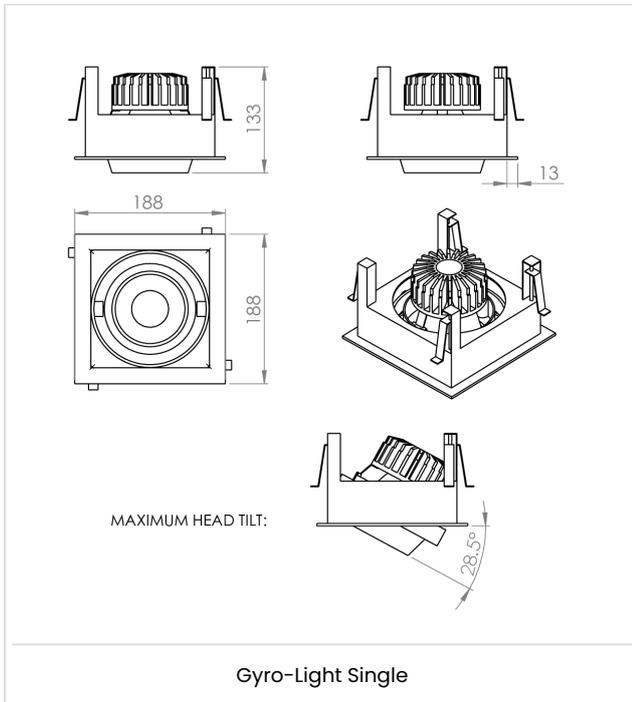


The Gyro Light in use at the Westerly Mini garage



The Gyro Light in use at the Westerly Mini garage

## TECHNICAL



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## 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 AME2, EXI LED, EXI3, HBE3, HBE4, OAT2 LED and Twinspace 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.**

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## ORDER CODES

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### LUMINAIRE

#### Single Head

Code	Description	Power	Llm/W
GYRI L14 40	Gyro-Light, 1 x 1,022llm, 40° Reflector, White, Colour 84	9.1W	111
GYRI L20 40	Gyro-Light, 1 x 1,460llm, 40° Reflector, White, Colour 84	12.7W	114
GYRI L30 40	Gyro-Light, 1 x 2,190llm, 40° Reflector, White, Colour 84	18.0W	121

### DIMMING

Code	Description
A	DALI Digital Addressable Lighting Interface

### CONTROL

Code	Description
DN	DexNET Node, Wireless Node only.
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)

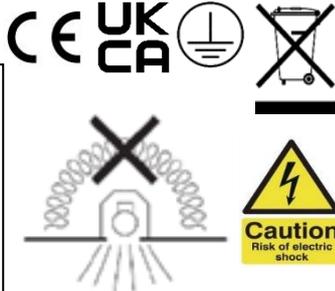
\*Sensor supplied with luminaire for installation in adjacent ceiling tile.

Please click [here](#) for full details on our wireless controls.

### MISCELLANEOUS

Code	Description
C**	Select Colour Temperature and Rendering; C83, C93, C94
LSF	Low Smoke Zero Halogen

220-240V / 50-60Hz  
IP20

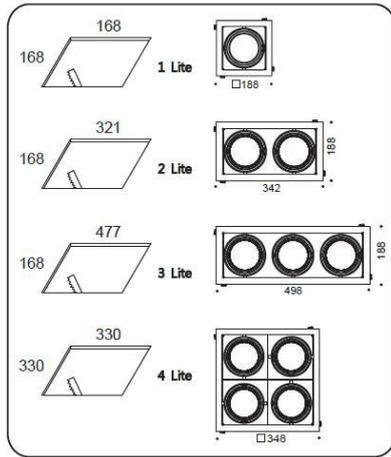


**WARNING:** Luminaire must be earthed. Risk of electric shock from LED boards if operated with cover removed. Installation / operation outside of luminaires intended scope invalidates warranty. Suitable only for domestic / light industrial / industrial applications within the scope of EN55015. Tested 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.

Terminal Labelling:	
<b>Power</b>	
L / 1	Switched Live
E /	Earth
N	Neutral
<b>Emergency</b>	
L2 / 2	Unswitched Live
DA/AT3	DALI Autotest
DA/AT3	DALI Autotest
<b>Dimming</b>	
-D1/DA	Analogue/DSI/DALI
+D2/DA	Analogue/DSI/DALI
SD	Switch Dim / Corridor Function

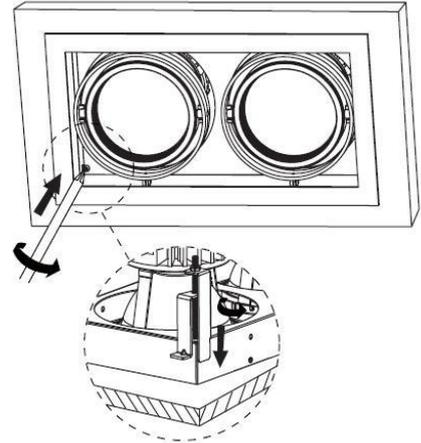
## 1.

Refer to image opposite for cutout sizes depending on fitting type...

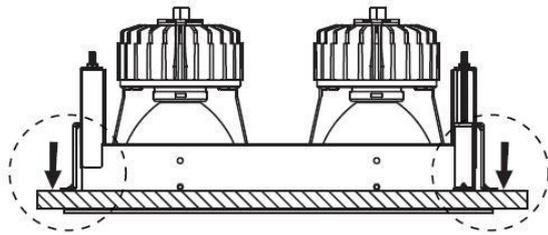


## 2.

Install fitting in to aperture. Position the trim of the fitting so that it is on the underside of the ceiling.

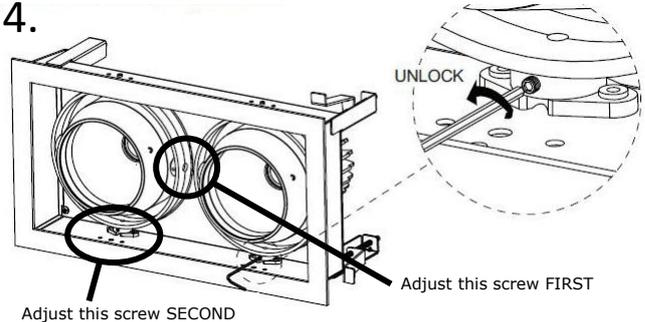


## 3.



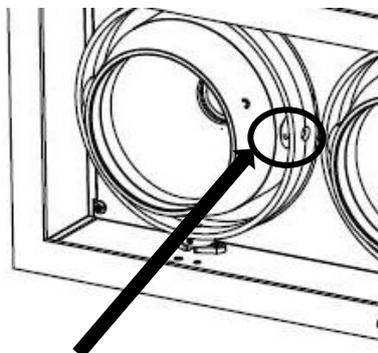
To move the four fixing arms in to position take a screw driver and in turn rotate each screw clockwise until each bracket meets the ceiling.

## 4.



For each head: With 1.5mm Allen key slacken off the grub screws by rotating anticlockwise, this will allow the downlighter to be tilted in to the required position. Once in position tighten the screws to hold the downlighter in place.

## 5.



If the head feels a bit loose double check the grub screws and also check the side screw (Philips No.1 head) is tight.

## 6.

### NOTES:

1. This luminaire should not be used in areas requiring ingress protection greater than stated in our literature or catalogue.
2. Not for use in hazardous areas
3. This fitting is only suitable for environments which are within the scope of EN55015.
4. Internal use only.
5. For LED there are no serviceable parts other than the battery (for emergency fittings). No lamp changes are required with LED products.

## 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 Unscrew reflector from head using a screwdriver.
- ④ Remove the two screws securing the LED circuit.
- ⑤ Driver is maintainable. Endcaps are removable.
- ⑥ Please contact Dextra for assistance with spare component supply.

