



# PRODUCT SPECIFICATION

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TRACER LOWBAY 2



## INTRODUCTION

The Tracer Lowbay 2 introduces a cost effective and attractive slim line LED solution for high level applications to our range. With design emphasis on minimal cost of ownership the Tracer Lowbay 2 is available in three lumen outputs to allow effective replacement for a range of HID luminaires up to 400w, allowing replacement on a one for one basis eliminating the need to modify wiring and minimising installation time. This low cost installation is combined with highly efficient optical design ensuring that a typical installation will provide energy savings of approximately 45% compared to HID luminaires. Traditional HID sources require regular lamp replacement and suffer from rapid lumen depreciation however the latest branded LEDs used in our Tracer Lowbay 2 provide long life of L90 at 60,000 operating hours further reducing the total cost of ownership and ensuring a rapid return on investment. The long design life of our Tracer Lowbay is also reinforced with our 5 year warranty to ensure total peace of mind.

Further benefits are offered with optional integral lithium emergency control gear eliminating the need to install standalone emergency solutions whilst the slim line and low weight construction ensures the product is both attractive and easy to handle. 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.

The Tracer Lowbay 2 combines rapid return on investment without compromise on design, performance and quality.



CE IP20 TM21: L90>60K HOURS / L80>90K HOURS 3 STEP MACADAM ELLIPSE

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## APPLICATION

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- Food / Clean Area
- Industrial / Manufacturing
- Retail
- Store Room
- Transport
- Warehouse / Storage

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## SPECIFICATION

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### CONSTRUCTION

- Housing: 0.7mm CR4 steel
- Finish: Polyester powder painted BS 00E55 matt white 60% gloss
- Diffuser: Injection moulded clear polycarbonate
- IP20

### PERFORMANCE

- Part L2 compliant
- 3SCDM Three step Macadams ellipse
- TM21: L90>60K Hours / L80>90K Hours
- Up to 130 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 Reacta-Link for integration with Reacta-Link wireless installations

## INSTALLATION

- Suitable for suspended installation
- Suitable for trunking installation

## VARIATIONS

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

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## IMAGES

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### PRODUCT IMAGES



Tracer 2 L180



Tracer 2 L180



Tracer 2 L240



Tracer 2 L240



Tracer 2 L300

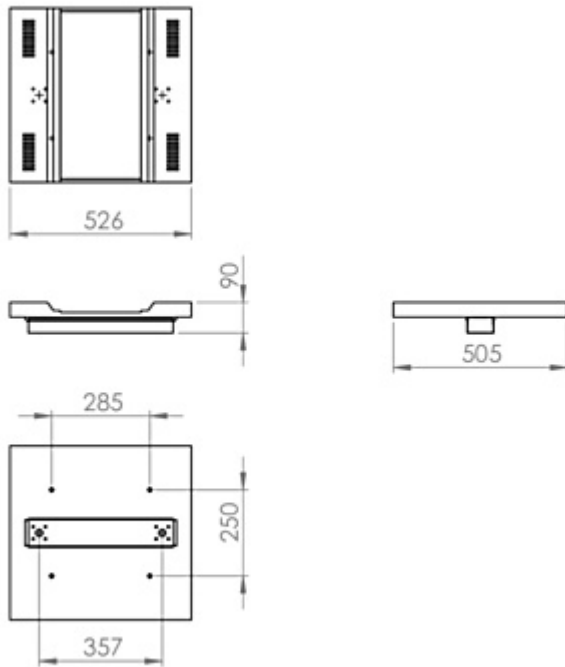


Tracer 2 L300

**PROJECT IMAGES**

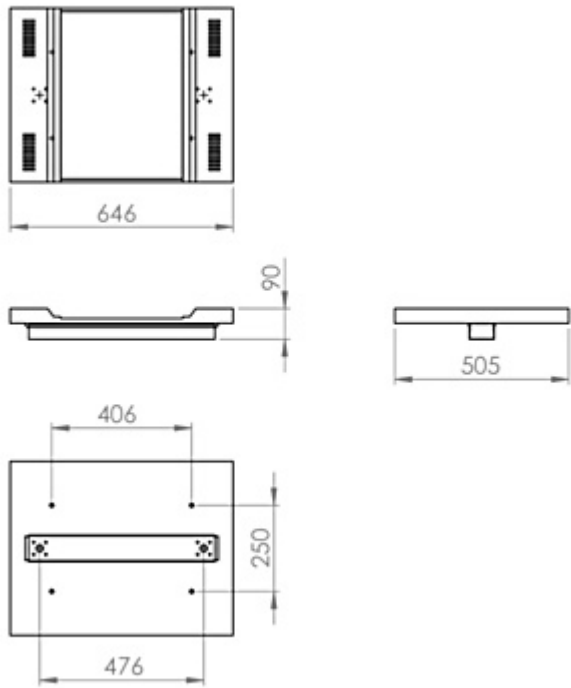


TECHNICAL

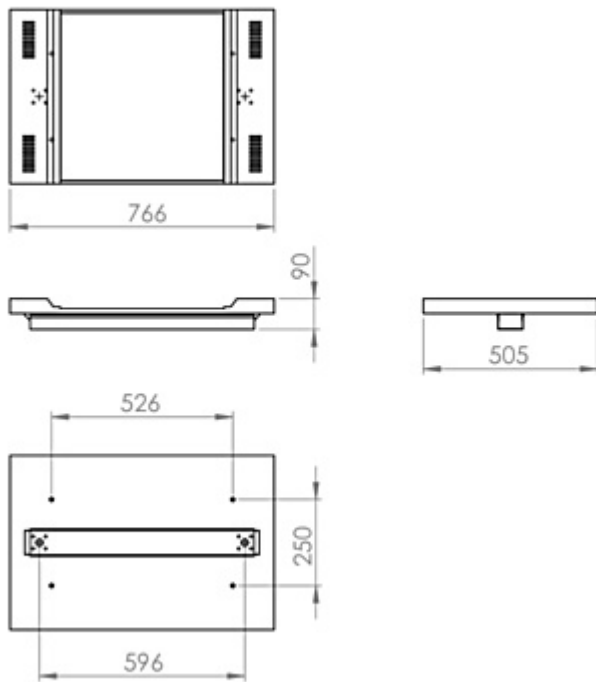


Tracer 2 L180





Tracer 2 L240



Tracer 2 L300

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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 AME LED, EXI LED, EXI2 LED, EXI Track, HBE LED, HBE2 LED, OAT2 LED, OEZ LED and Twinspot with Nickel Metal Hydride batteries are supplied with a one year warranty for parts and labour. Lithium variants of these ranges are supplied with a three year warranty for parts and labour with the exception of the AME2, EXI3, HBE3 and TWS IP65 L7 ranges which are supplied with a one year parts and labour warranty. TWS IP65 L7 in autotest and wireless variants are supplied with the standard three year lithium battery warranty.
- 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 |
|-----------|--------------------------------------|--------|-------|
| TRL2 L180 | Tracer Lowbay 2, 13,982lm, Colour 84 | 113.3W | 123   |
| TRL2 L240 | Tracer Lowbay 2, 18,554lm, Colour 84 | 142.6W | 130   |
| TRL2 L300 | Tracer Lowbay 2, 23,732lm, Colour 84 | 185.6W | 127   |

### 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 |

The Tracer L300 use two drivers per luminaire requiring two addresses on the DALI network.

### CONTROL

| Code | Description                                |
|------|--|
| RLI  | Reacta-Link, Wireless Enabled Luminaire    |
| RC   | Reacta-Control, Wireless Enabled Luminaire |

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

**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 50V, 110V or 230V when Ordering |

**MISCELLANEOUS**

| Code              | Description  |
|-------------------|--|
| C**               | Select Colour Temperature and Rendering: C83, C84, C85, C865, C93, C94 |
| LSF               | Low Smoke Zero Halogen   |
| SUSP TRL 5M LO X2 | Tracer Lowbay Suspension Kit, 5M, Loop Over                            |
| DS                | Double Switched  |

# Tracer Lowbay 2 Installation

220-240V / 50-60Hz  
IP20

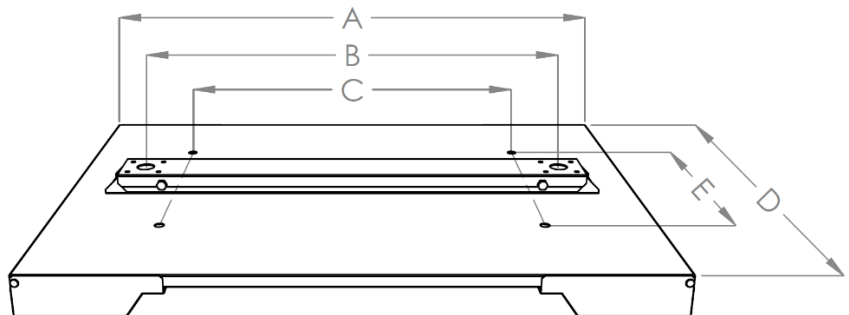


**Terminal Labelling:**

|                  |                                |
|------------------|--------------------------------|
| <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 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.

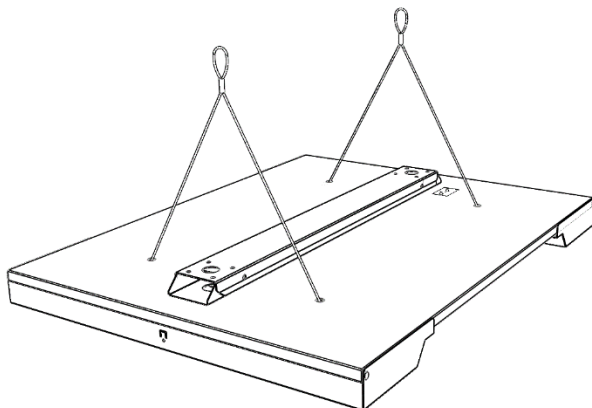
|       | TRL180 | TRL240 | TRL300 |
|-------|--------|--------|--------|
| A     | 526    | 646    | 766    |
| B     | 357    | 476    | 596    |
| C     | 285    | 406    | 526    |
| D     | 505    | 505    | 505    |
| E     | 250    | 250    | 250    |
| Depth | 90     | 90     | 90     |



For suspended installation, complete 'A' and then skip to step 7.

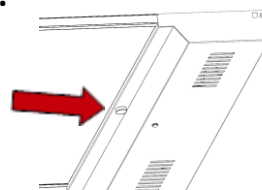
For trunking or solid ceiling fix, follow steps 1-8.

**A.**

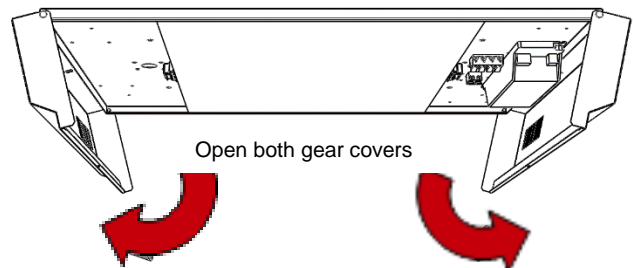


Suspend via 2x Y-fit wires (ordered separately). Do not suspend from single point!!

**1.**



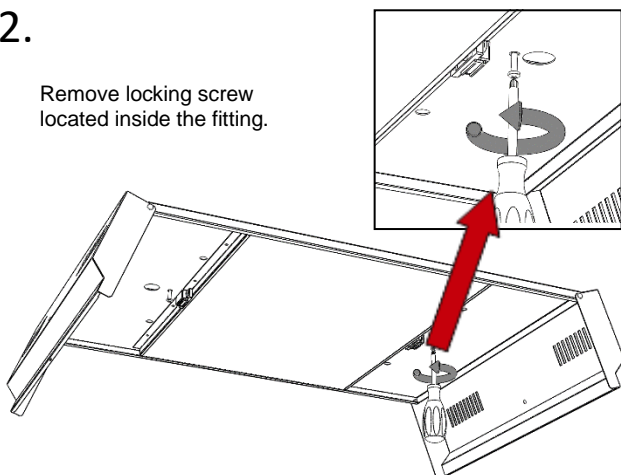
Remove 2x screw cover caps, then unscrew to release gear covers.



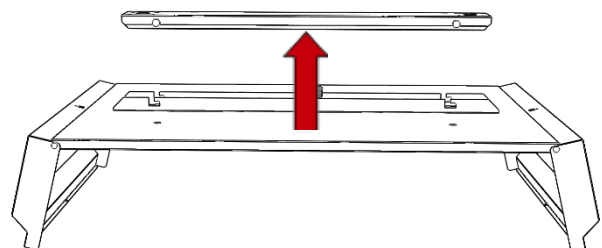
Open both gear covers

**2.**

Remove locking screw located inside the fitting.

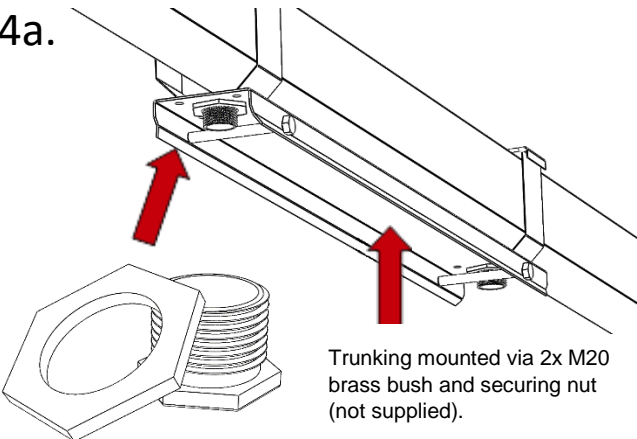
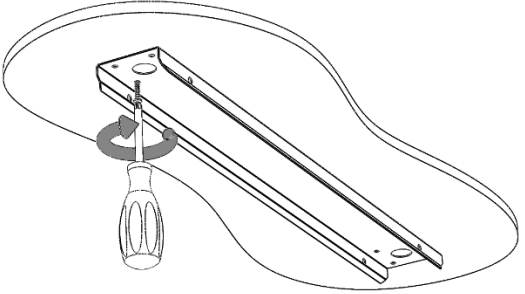
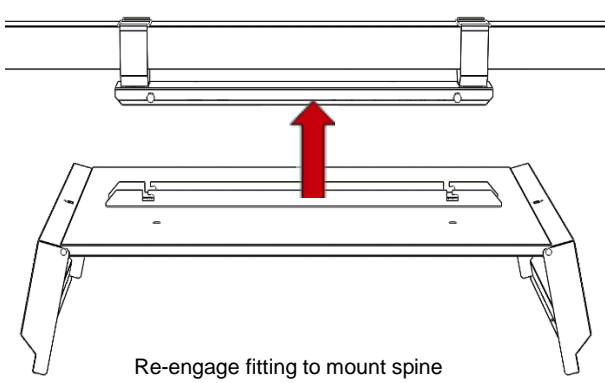
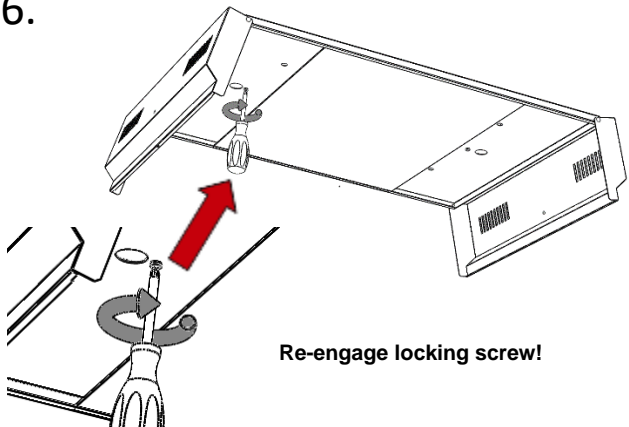
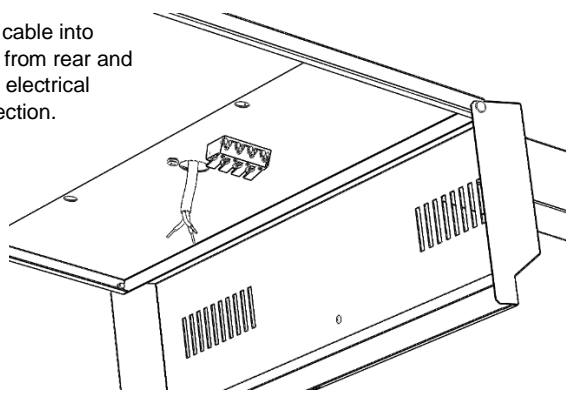
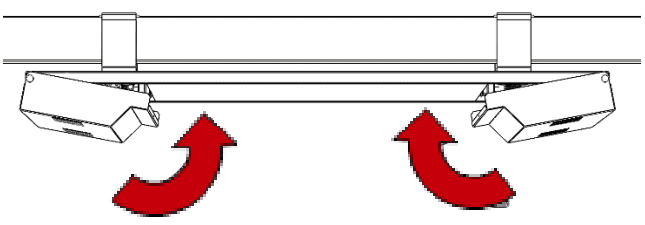
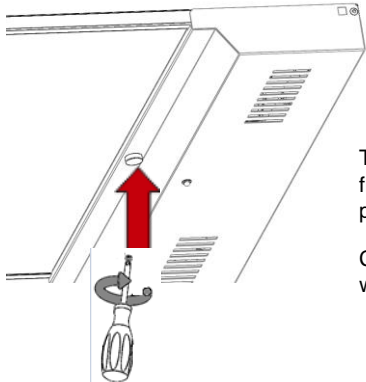


**3.**



Remove mount spine.

## Tracer Lowbay 2 Installation

|   |  |
|---|--|
| <p>4a.</p>  <p>Trunking mounted via 2x M20 brass bush and securing nut (not supplied).</p>             | <p>4b.</p>  <p>Surface mounted via 4x appropriate screw fixings (not supplied) into solid ceiling.</p> |
| <p>5.</p>  <p>Re-engage fitting to mount spine</p>  | <p>6.</p>  <p>Re-engage locking screw!</p>  |
| <p>7.</p> <p>Feed cable into fitting from rear and make electrical connection.</p>                   | <p>8.</p>  <p>Close gear covers.</p>   |
| <p>9.</p>  <p>Tighten screw to fix gear cover in place.<br/>Cover screw head with the cover cap.</p> | <p>10.</p>   |

## Tracer Lowbay 2 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 To access fitting use a pan pozi screwdriver to remove x2 screws.
- 4 LED circuit is located under the diffuser and mask. Use a pan pozi screwdriver to remove.
- 5 Use a pan pozi screwdriver to remove components.
- 6 Please contact Dextra for assistance with spare component

