



# PRODUCT SPECIFICATION

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IN-LINE



## INTRODUCTION

The In-Line is a continuous run LED lighting system that has been designed for retailers that are looking to illuminate their space as discreetly and simply as possible. Manufactured from robust formed steel the sleek 3m long sections are joined via integrated splice brackets which help to maintain system rigidity and alignment. Designed for rapid installation each section is supplied fully assembled out of the box with a pre-fitted wiring loom for quick electrical connection. The injection moulded custom lens optic directs the light to where it is needed whilst the soft sparkle from the visible LED's create an enchanting atmosphere for your customers to explore. Available in a range of lumen outputs and with optional integral lithium emergency this cost effective system offers excellent efficiency with complete optical control.

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

TM21: L90>60K HOURS / L80>90K HOURS

3 STEP MACADAM ELLIPSE

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## IN-LINE - APPLICATION

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- Retail

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## IN-LINE - SPECIFICATION

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### CONSTRUCTION

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

### PERFORMANCE

- Part L2 compliant
- 3SDCM Three step Macadams ellipse
- TM21: L90>60K Hours / L80>90K Hours
- Up to 160 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.

### 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
- Supplied with 4 or 6 pole 1.5mm loom
- This system is not suitable for mounting directly to the ceiling, it must be suspended.

## **VARIATIONS**

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

## IN-LINE - IMAGES



In-Line Opal



In-Line Clear



In-Line Continuous



The In-Line being used in a supermarket.



The In-Line being used in a supermarket.





The In-Line being used in a supermarket.



The In-Line being used in a supermarket.



Midcounties Co-operative using the In-Line



Midcounties Co-operative using the In-Line

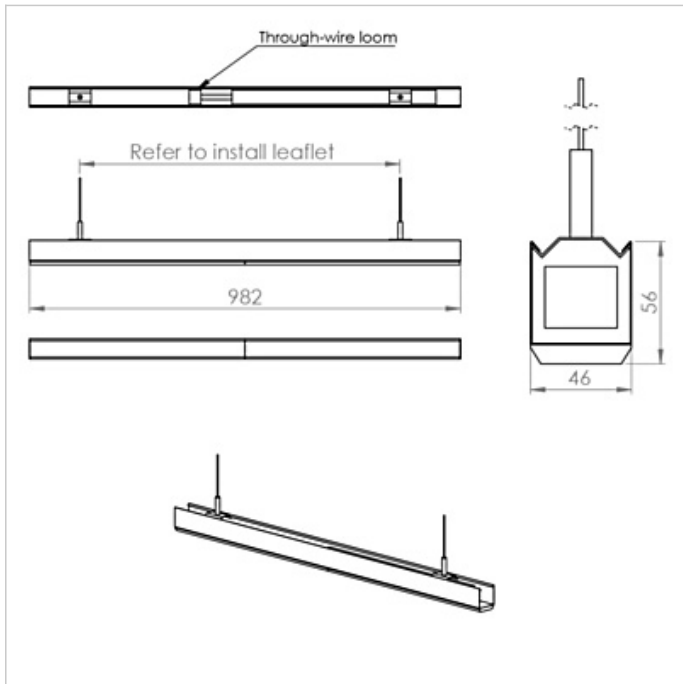


Midcounties Co-operative using the In-Line

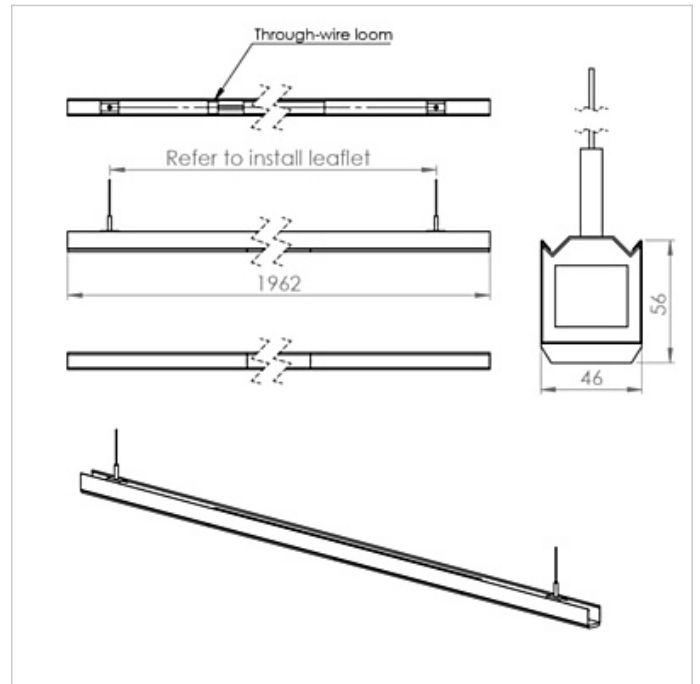


Midcounties Co-operative using the In-Line

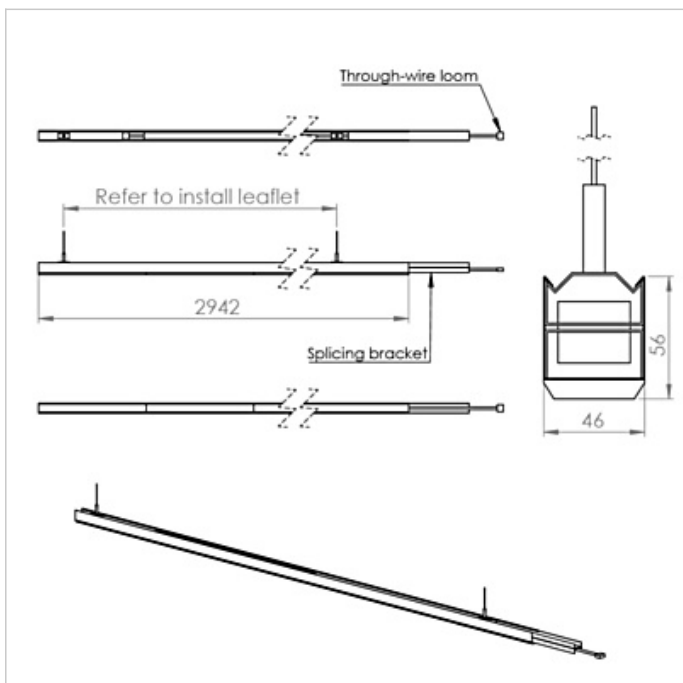
## IN-LINE - TECHNICAL



In-Line 982mm



In-Line 1962mm



In-Line 2942mm

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## IN-LINE - 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.**

## IN-LINE - ORDER CODES

### LUMINAIRE CODES

#### End of Run

Code	Description	Power	Llm/W
IL2 1L30 4ER OA	In-Line, 2,568llm, 1000mm, Opal Lens Optic, 4 Pole Loom	18.2W	141
IL2 1L40 4ER OA	In-Line, 3,426llm, 1000mm, Opal Lens Optic, 4 Pole Loom	25.6W	134
IL2 2L60 4ER OA	In-Line, 5,136llm, 2000mm, Opal Lens Optic, 4 Pole Loom	34.1W	151
IL2 2L80 4ER OA	In-Line, 6,848llm, 2000mm, Opal Lens Optic, 4 Pole Loom	47.8W	143

#### Continuous Run

Code	Description	Power	Llm/W
IL2 3L90 4TW OA	In-Line, 7,704llm, 3000mm, Opal Lens Optic, 4 Pole Loom	50.1W	154
IL2 3L120 4TW OA	In-Line, 10,272llm, 3000mm, Opal Lens Optic, 4 Pole Loom	70.9W	145

### DIMMING

Code	Description
A	DALI Digital Addressable Lighting Interface
S	Switch Dimming
D	DSI Digital Dimming
H	HFR Analogue 1-10v

### CONTROL

Code	Description
RLI	Reacta-Link, Wireless Enabled Luminaire

### 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

Not available on 1000mm variants.

### MISCELLANEOUS

Code	Description
C**	Select Colour Temperature and Rendering; C827, C83, C84, C85, C865, C93, C94
LSF	Low Smoke Zero Halogen
6TW	6 Pole 1.5mm <sup>2</sup> Wiring Loom c/w Male/Female Connectors
6ER	6 Pole 1.5mm <sup>2</sup> Wiring Loom c/w Male Connector
IL2 4P 5M START	4 Pole 5m Starter Lead
SUSP IL2 3M 24T X1	Suspension In-Line 3m, 25mm Exposed Tee, One Drop, White
SUSP IL2 5M 24T X1	Suspension In-Line 5m, 25mm Exposed Tee, One Drop, White
SUSP IL2 3M BF X1	Suspension In-Line 3m, Barrel Fix, One Drop, White
SUSP IL2 5M BF X1	Suspension In-Line 5m, Barrel Fix, One Drop, White
SUSP IL2 5M LO X1	Suspension In-Line 5m, Loop Over, One Drop, White
IL2 6P 5M START	6 Pole 5m Starter Lead
IL2 ENDCAP KIT	Pair of Finishing Endcaps

# In-Line Continuous Suspended Installation

220-240V / 50-60Hz

IP20

## Terminal Labelling:

### Power

L1 Switched Live  
E Earth  
N Neutral

### Emergency

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

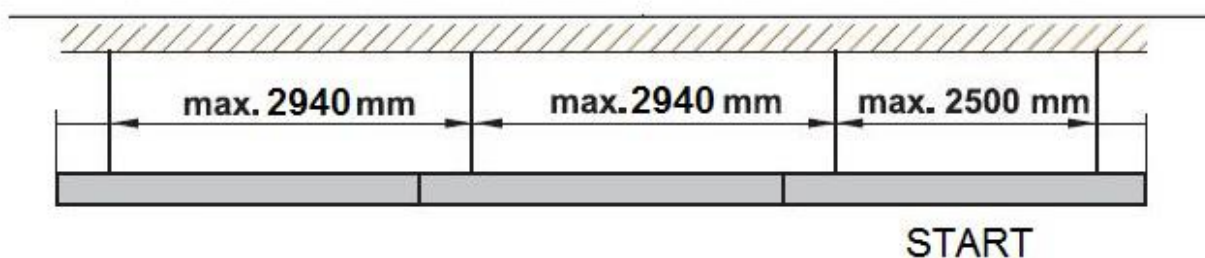
### Dimming

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

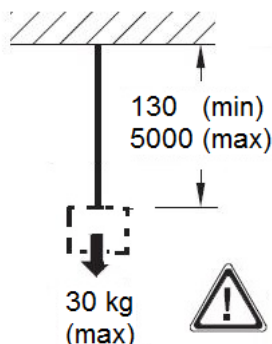


**WARNING:** Luminaire must be earthed. Risk of electric shock from LED boards if operated with cover removed. Installation / operation outside of luminaires intended scope invalidates warranty. Suitable only for domestic / light industrial / industrial applications within the scope of EN55015. Tested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

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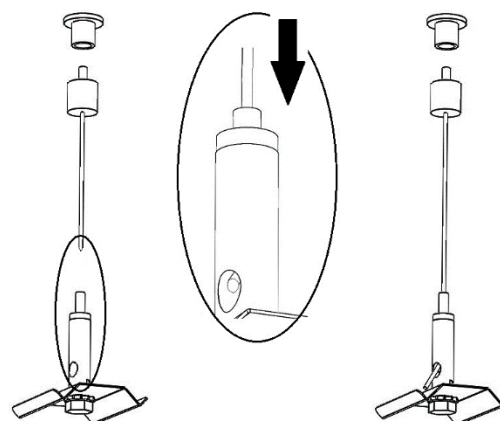


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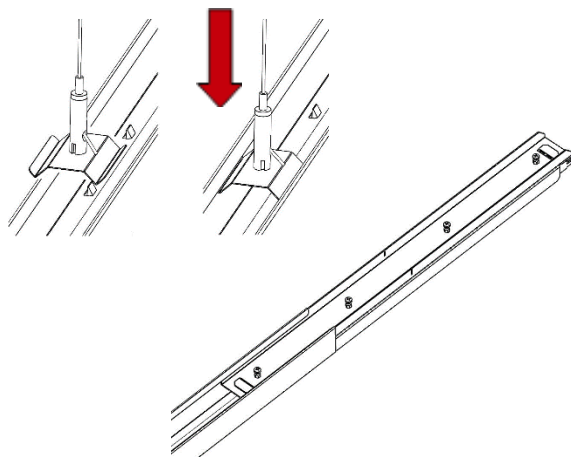


**WARNING – DO NOT MOUNT CLOSER THAN THE MINIMUM 130mm – FAILURE TO ADHERE TO THIS WILL VOID PRODUCT WARRANTY**

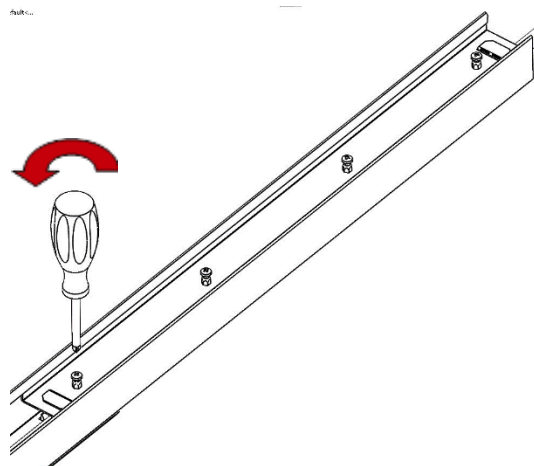
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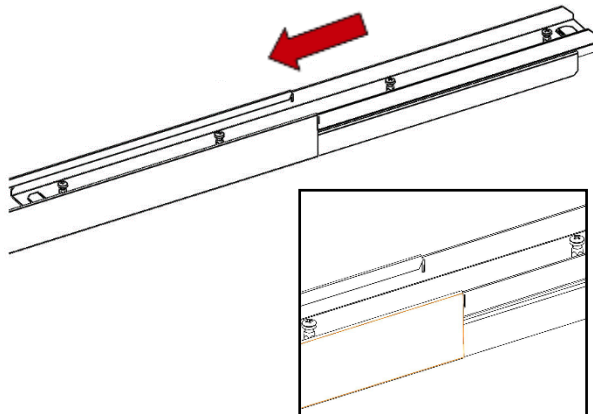
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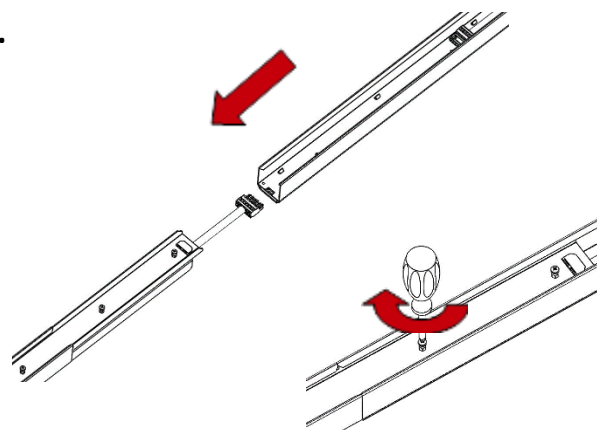
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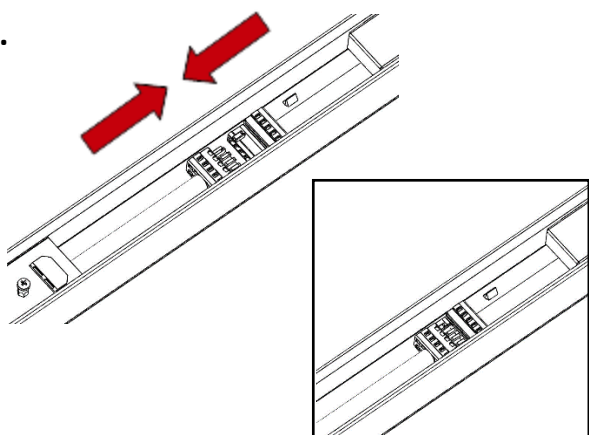
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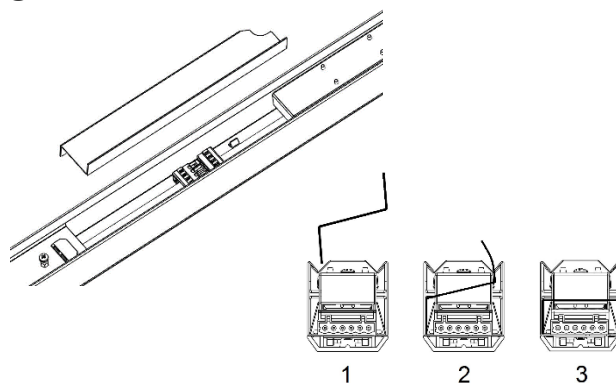
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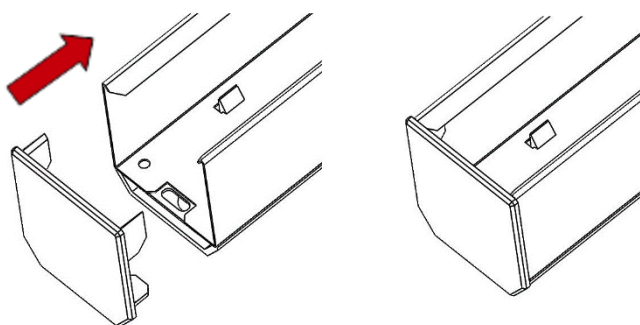
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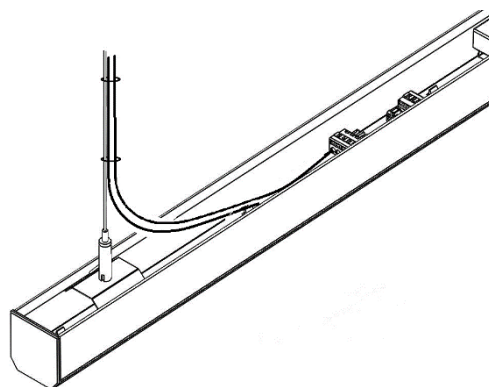
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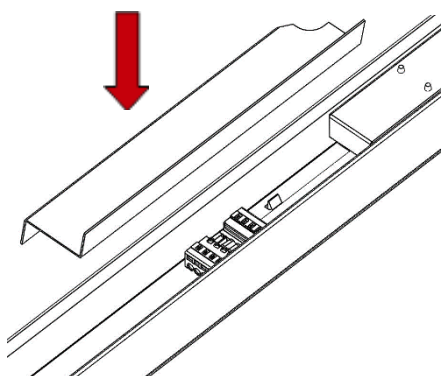
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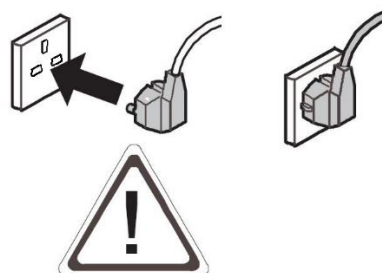
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# In-Line Continuous Suspended Installation

## 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 the fitting press on the two metal clips on both side of fitting to remove gear cover.
- 4 To remove components use a pan pozi screwdriver.
- 5 To access LED circuit use a flat head screwdriver to push the legs of the lens out from the metalwork.
- 6 Please contact Dextra for assistance with spare component supply.

