



## PRODUCT SPECIFICATION

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3 CIRCUIT TRACK SURFACE /  
SUSPENDED



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## INTRODUCTION

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We offer a comprehensive selection of recessed track and accessories, our three circuit offering has been designed for the professional and is renowned for its reliability, durability and quality finish. The extruded aluminium profiles of this 16 amp three circuit system are available in a choice of three colours and are complimented by a wide array of accessories ensuring complete flexibility in track configurations.

**UK  
CA** CE IP20

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## APPLICATION

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- Accent Lighting
- Display Lighting
- Retail

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## SPECIFICATION

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### CONSTRUCTION

- Housing: Extruded aluminium
- Finish: Matt black
- Finish: Matt white
- Finish: Matt grey
- Endcaps: Injection moulded polycarbonate
- IP20

### ENVIRONMENTAL

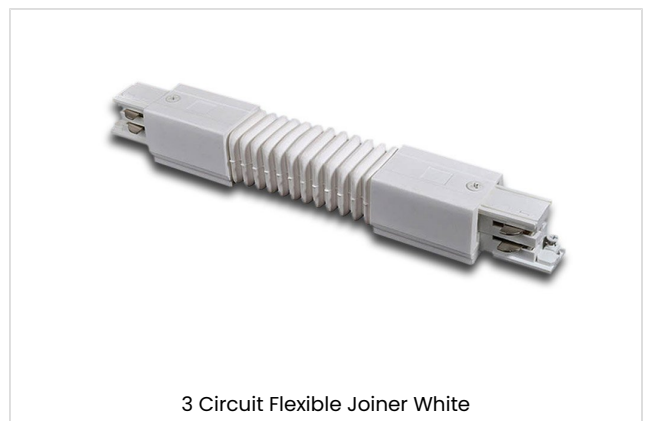
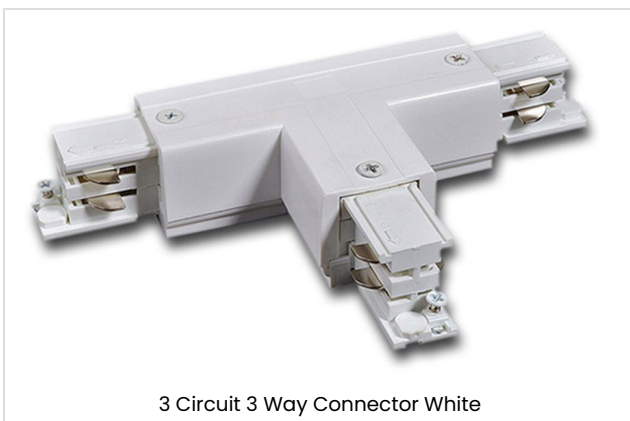
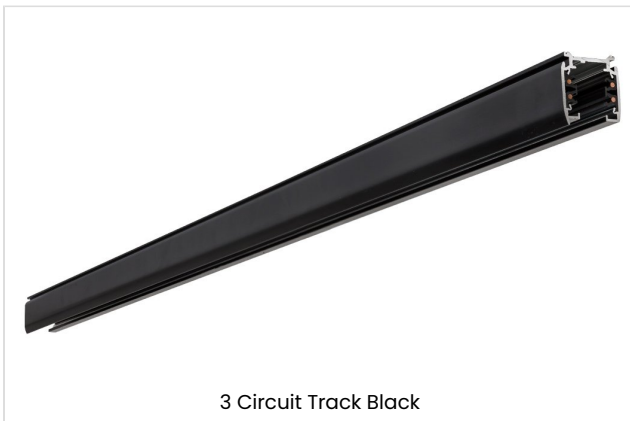
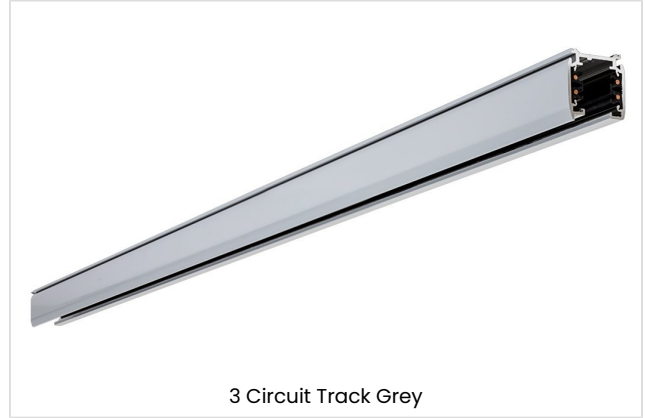
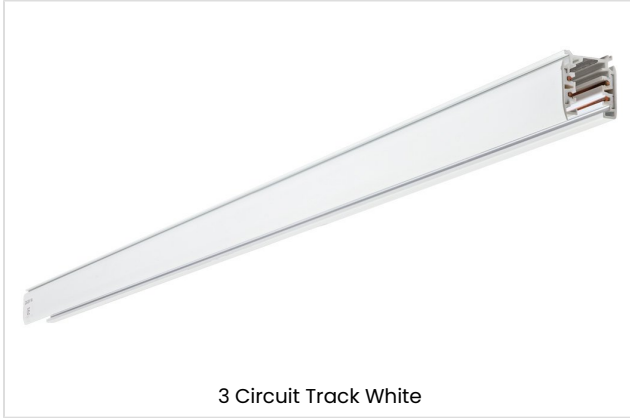
- UK based manufacturing providing local support throughout the product lifetime and minimising transportation miles.

### VARIATIONS

- Available in white, black or grey finishes

## IMAGES

### PRODUCT IMAGES



# 3 CIRCUIT TRACK SURFACE / SUSPENDED

## PRODUCT SPECIFICATION



Circuit Corner White



3 Circuit Live End White



3 Circuit Dead End White

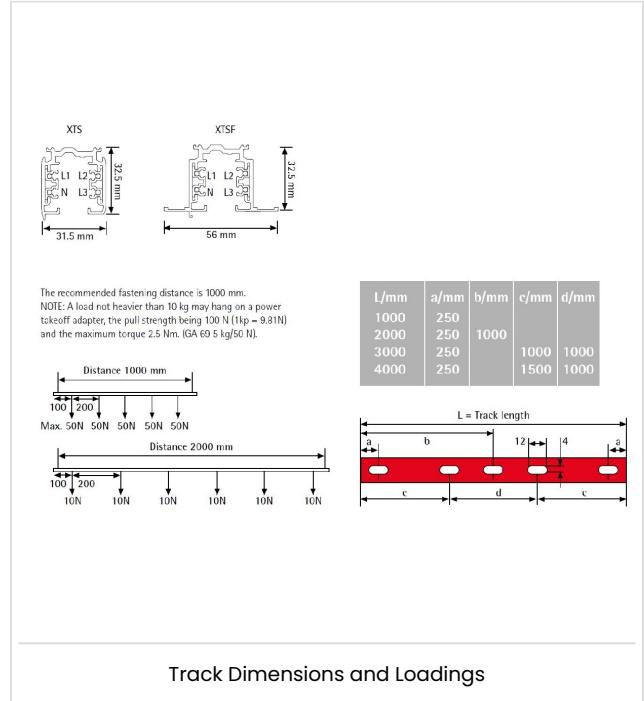
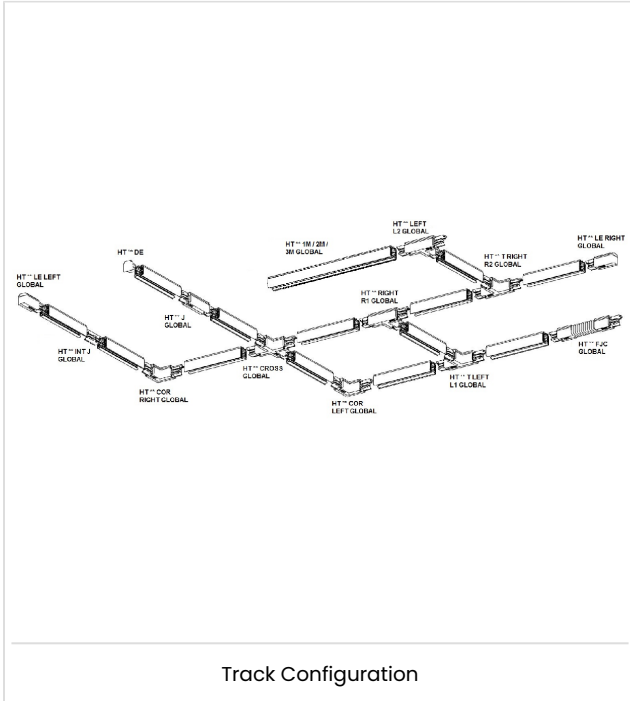


Suspension Kit Solid Ceiling



Suspension Kit T Bar Ceiling

## TECHNICAL



## 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 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.**

## ORDER CODES

### LUMINAIRE

Code	Description
HT 1M GLOBAL	1m Length 3 Circuit Track Global White
HT 2M GLOBAL	2m Length 3 Circuit Track Global White
HT 3M GLOBAL	3m Length 3 Circuit Track Global White
HT J GLOBAL	3 Circuit Straight Track Joiner Global White
HT INT J GLOBAL	3 Circuit Internal Track Joiner Global White
HT FJC GLOBAL	3 Circuit Flexible Track Joiner Global White
HT DE GLOBAL	3 Circuit Dead End Global White
HT LE LEFT GLOBAL	3 Circuit Live End Left Global White
HT LE RIGHT GLOBAL	3 Circuit Live End Right Global White
HT T LEFT L1 GLOBAL	3 Circuit 3 Way Connector Left L1 Global White
HT T LEFT L2 GLOBAL	3 Circuit 3 Way Connector Left L2 Global White
HT T RIGHT R1 GLOBAL	3 Circuit 3 Way Connector Right R1 Global White
HT T RIGHT R2 GLOBAL	3 Circuit 3 Way Connector Right R2 Global White
HT COR LEFT GLOBAL	3 Circuit Corner Left Global White
HT COR RIGHT GLOBAL	3 Circuit Corner Right Global White
HT CROSS GLOBAL	3 Circuit 4 Way Connector Global White
HT SC	Suspension Clamp
HT FIX-POINT GLOBAL	3 Circuit Circular Fixing Point Box
SUSP HT 10M BF X1 BL	Suspension Hi-Track, 10M, Barrel Fix, One Drop, Black
SUSP HT 10M BF X1 WH	Suspension Hi-Track, 10M, Barrel Fix, One Drop, White
SUSP HT 10M LO X1 BL	Suspension Hi-Track, 10M, Loop Over, One Drop, Black
SUSP HT 10M LO X1 WH	Suspension Hi-Track, 10M, Loop Over, One Drop, White
SUSP HT 1M DR X1 BL	Suspension Hi-Track, 1M 6mm Drop Rod, One Drop, Black
SUSP HT 1M DR X1 WH	Suspension Hi-Track, 1M 6mm Drop Rod, One Drop, White
SUSP HT 3M BF X1 BL	Suspension Hi-Track, 3M, Barrel Fix, One Drop, Black
SUSP HT 3M BF X1 WH	Suspension Hi-Track, 3M, Barrel Fix, One Drop, White
SUSP HT 3M LO X1 BL	Suspension Hi-Track, 3M, Loop Over, One Drop, Black
SUSP HT 3M LO X1 WH	Suspension Hi-Track, 3M, Loop Over, One Drop, White
SUSP HT 5M BF X1 BL	Suspension Hi-Track, 5M, Barrel Fix, One Drop, Black
SUSP HT 5M BF X1 GY	Suspension Hi-Track, 5M, Barrel Fix, One Drop, Grey
SUSP HT 5M BF X1 WH	Suspension Hi-Track, 5M, Barrel Fix, One Drop, White
SUSP HT 5M LO X1 BL	Suspension Hi-Track, 5M, Loop Over, One Drop, Black
SUSP HT 5M LO X1 GY	Suspension Hi-Track, 5M, Loop Over, One Drop, Grey
SUSP HT 5M LO X1 WH	Suspension Hi-Track, 5M, Loop Over, One Drop, White

### MISCELLANEOUS

Code	Description
BL	Black Finish
GY	Grey Finish
HT BENDING TOOL	Bending Tool for Cutting Track to Length

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 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.

**Maximum Permissible Loads:**

Universal 3 circuit track adaptor: maximum weight 10KG.

1M track length: maximum load 60KG.

3M track length: maximum load 90KG

Loads should be evenly distributed across the length of the track.

Universal track system is suitable for 3 circuit, 230 / 240 Volt and 16 AMP. This system is not suitable for inductive loads.

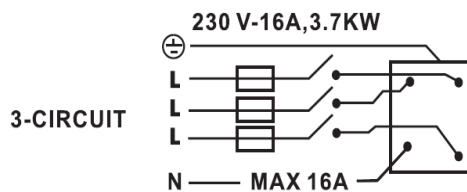
Ensure that all elements of the track system have been correctly assembled, starts and ends must always have the appropriate components to ensure that the run is correctly finished and live conductors are not exposed. Do not exceed maximum loads or allow connection points to subject to twisting forces.

It is the installer's duty to ensure electrical, mechanical and thermal compatibility between the tracks system and any devices attached to it.

Universal 3 circuit adaptor is only suitable for use with the track system supplied.

Track system is only suitable for surface mount or suspension via a rigid drop rod.

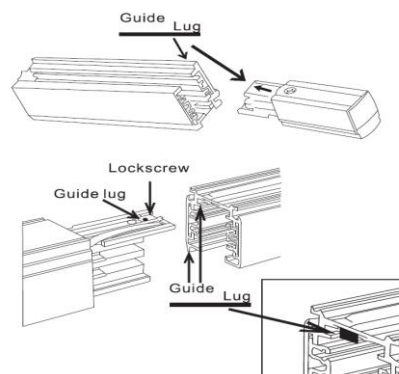
**1.**



1. Remove cover.
2. Connect incoming power cable to terminals as shown in diagram.
3. Replace cover

Where connection is required in a T-junction, corner or joint section the internal wiring must be removed beforehand if the circuit is to form a continuous loop.

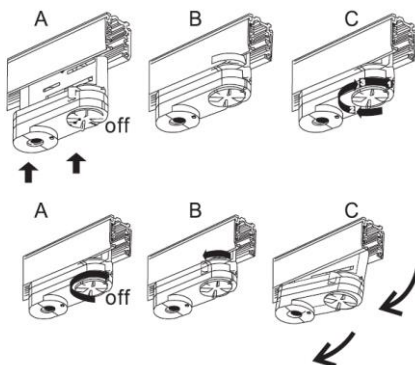
**2.**



All components of the track system are keyed to prevent incorrect connection. Assemble as per images.

**3.**


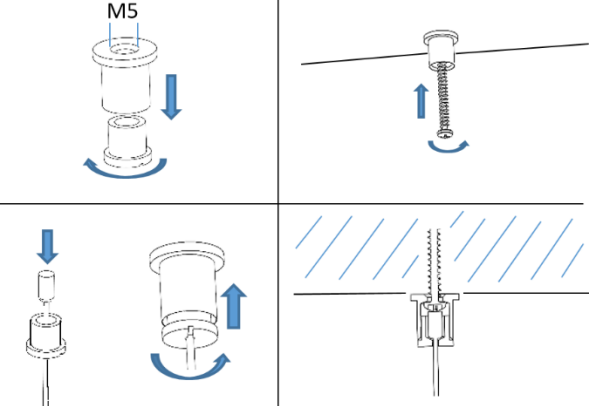
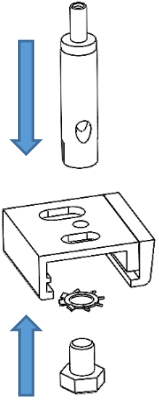
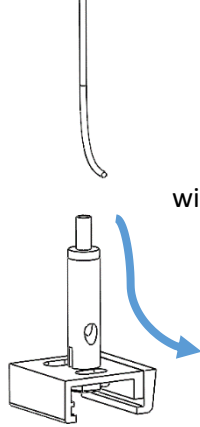
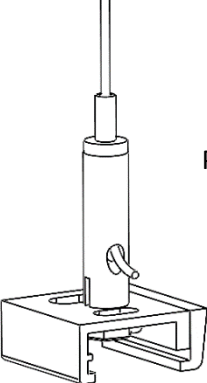
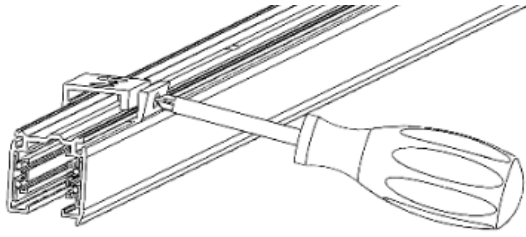
LEFT HAND CONNECTIONS SHOWN, REVERSE FOR RIGHT HAND CONNECTION



**4.**

1. Ensure selector dial is turn to the off position.
2. Set the locking lever to the side.
3. Engage the adaptor to the track with the guide lug.
4. Turn the lever towards the front until it locks correctly with the track system.
5. Select the circuit by turning the selector dial to 1, 2 or 3.
6. Remove the adaptor by reversing the above process.

## Track Light Installation Guide

<p>5.</p> <table border="1" data-bbox="135 347 550 425"> <tr> <td>LOAD RATING</td> <td>15 Kg</td> </tr> <tr> <td>SAFETY FACTOR</td> <td>5:1</td> </tr> </table> 	LOAD RATING	15 Kg	SAFETY FACTOR	5:1	<p>6.</p> 
LOAD RATING	15 Kg				
SAFETY FACTOR	5:1				
<p>7.</p> 	<p>8.</p>  <p>Feed wire through clutch, wire should come out through the side.</p>				
<p>9.</p>  <p>Pull wire through clutch to raise bracket. Cut wire to length</p>	<p>10.</p>  <p>Slide bracket onto track and tighten to secure into place as shown.</p>				
<p>11.</p>	<p>12.</p>				