



PRODUCT SPECIFICATION

PORTICUS



INTRODUCTION

The Porticus has been designed to mount directly onto three circuit or DALI lighting track, providing an opportunity for retailers to combine their ambient and accent lighting into one system. This slim line luminaire combines the very latest LED technology with custom lens optics to deliver an efficient lighting solution with complete optical control. The flexibility of the track adaptor allows you to re-position the fittings quickly and simply should there be any changes to the store layout whilst the luminaires can also be rotated through 90 degrees to ensure uniform illumination at the end of aisles. Available in two lumen outputs, black or white housing colours and with optional integral lithium emergency with either an open area or high rack custom lens optic this superb range is already making a big impact with clients across the country.



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

APPLICATION

- Accent Lighting
- Display Lighting
- Retail

SPECIFICATION

CONSTRUCTION

- › Housing: 0.7mm CR4 steel
- › Finish: Polyester powder painted BS 00E55 matt white 60% gloss
- › Finish: Polyester powder painted RAL 9005 matt black
- › Lens: Injection moulded polycarbonate lens
- › IP20

PERFORMANCE

- › Part L2 compliant
- › 3SCDM Three step Macadams ellipse
- › TM21: L90>60K Hours / L80>90K Hours
- › Up to 175 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 DALI 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 three circuit track installation

VARIATIONS

- Available with a wide range of colour temperatures and renderings
 - Available in a range of lumen outputs
 - Available in white or black finishes
-

IMAGES

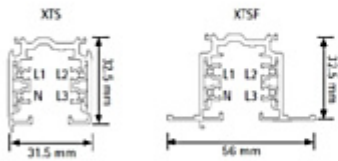
PRODUCT IMAGES

Porticus White

Porticus Black

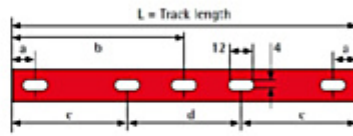
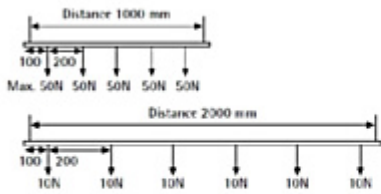
TECHNICAL

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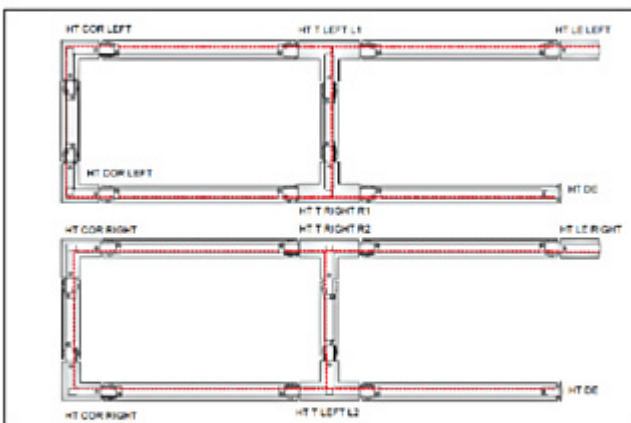


The recommended fastening distance is 1000 mm.
 NOTE: A load not heavier than 10 kg may hang on a power takeoff adapter, the pull strength being 100 N (11g = 9.81N) and the maximum torque 2.5 Nm. IGA 60 5 kg/50 N).

| L/mm | a/mm | b/mm | c/mm | d/mm |
|------|------|------|------|------|
| 1000 | 250 | 1000 | | |
| 2000 | 250 | | 1000 | 1000 |
| 3000 | 250 | | 1500 | 1000 |
| 4000 | 250 | | | |



Track Dimensions and Loadings



Track Polarity

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 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 |
|------------|--|-------|-------|
| PRT L70 HR | Porticus, 6,677lIm, High Rack, Colour 84 | 38.1W | 175 |
| PRT L90 HR | Porticus, 8,627lIm, High Rack, Colour 84 | 50.5W | 170 |
| PRT L70 OA | Porticus, 6,423lIm, Open Area, Colour 84 | 38.8W | 165 |
| PRT L90 OA | Porticus, 8,317lIm, Open Area, Colour 84 | 50.5W | 164 |

EMERGENCY

| Code | Description |
|-------|---|
| LE3 | Lithium Standard Emergency 3 Hour |
| LS3 | Lithium Selftest Emergency 3 Hour |
| LSTR | Lithium Reacta-Link Emergency 3 Hour |
| LA3RC | Lithium Reacta-Control Emergency 3 Hour |

MISCELLANEOUS

| Code | Description |
|------|--|
| C** | Select Colour Temperature and Rendering; C83, C84, C85, C865, C93, C94 |
| BL | Black Finish |
| LSF | Low Smoke Zero Halogen |

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.

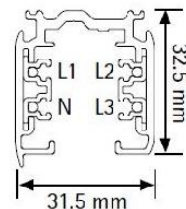
1. The fitting will come complete and ready to be installed.

Non-emergency fittings are circuit selectable.



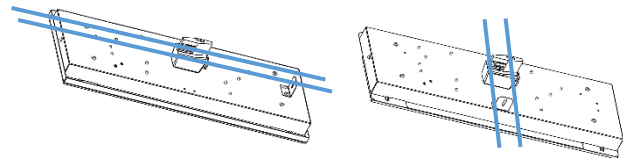
E3 ONLY – Track must be wired :

- L1 = Switched Live**
- L2 = Unswitched Live**
- L3 = Not required**

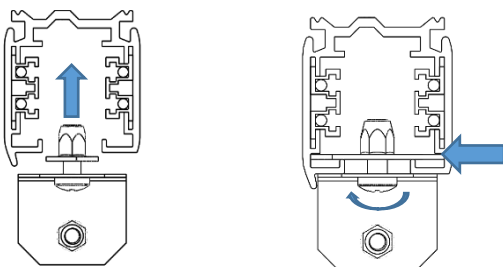


2. **Standard** - Lock bracket is optional (skip to step 4 if not required)
Emergency – Lock bracket **must** be used.

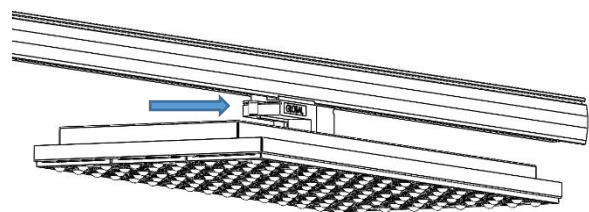
Secure bracket to rear of housing using 2 M4x5 screws supplied. Choose fixing position dependant on fittings orientation to track.



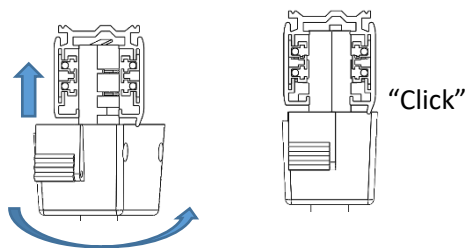
3. Insert the Lock bracket assembly up into the track, tighten the screw and the bracket will twist and lock into the track.



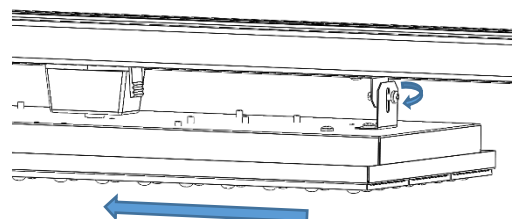
4. **Standard** - Insert the track adapter into the global track. Push the lock on to secure the fitting to the track. Then twist the Dial to 1 in order to connect the live feed.



5. **Emergency** - Insert the track adapter into the global track. Then rotate the adapter until it locks into place.



6. Slide the fitting up the track until you meet the lock bracket. Secure in place using the M4 x 10 screw provided.



Porticus Installation

Maintenance

- 1 Disconnect luminaire before undertaking 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 flat head screwdriver to remove x4 plastic rivets to access fitting.
- 4 To remove components use a pan pozi screwdriver.
- 5 Please contact Dextra for assistance with spare component supply.

