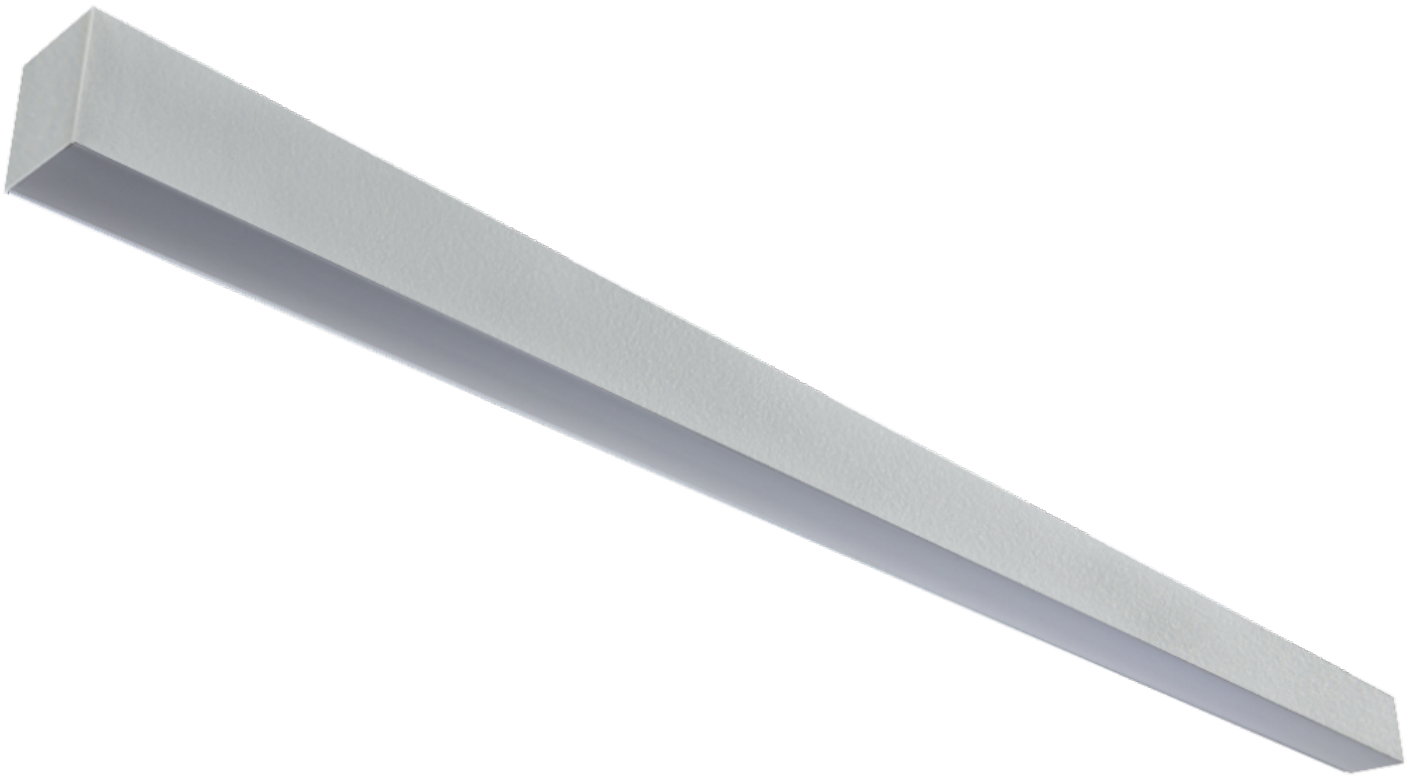


# PRODUCT SPECIFICATION

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RUNWAY SURFACE/SUSPENDED



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## INTRODUCTION

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Where lighting must fulfil both architectural and practical purposes the Runway Surface Suspended provides a slim line appearance with an extruded aluminium housing available in three colour options, offering the versatility of a range of lengths and lumen outputs as well as bi-directional variants ensuring that you can create a layout that enhances any space creating an attractive environment for workers or to entice customers.

This flexibility is further enhanced with optional integral emergency, white tunable, dimming, integral sensors and two optic styles, a minimalist opal finish or microprism for glare compliance for use in office and school areas. The Runway also incorporates the latest mid power LEDs ensuring optimal energy efficiency with minimal need for maintenance over the course of its lifetime.

The Runway is also available in a wide range of variants including continuous, recessed and pendant cross or square shapes. 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.



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

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## APPLICATION

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› Education

- › Office
- › Retail

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## SPECIFICATION

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### CONSTRUCTION

- › Housing: Extruded aluminium
- › Finish: Polyester powder painted BS 00E55 matt white 60% gloss
- › Finish: Polyester powder painted RAL 9006 matt grey
- › Finish: Polyester powder painted RAL 9005 matt black
- › Endcaps: High pressure die cast aluminium
- › Diffuser: 2mm extruded high transmission opal polycarbonate
- › Diffuser: Combined 2mm extruded clear polycarbonate and 2mm microprism anti glare PMMA
- › IP20

### PERFORMANCE

- › Part L2 compliant
- › BSEN 12464-1:2011 3000 Candela 65° and UGR 19 compliance
- › 3SCDM Three step Macadams ellipse
- › TM21: L90>60K Hours / L80>90K Hours
- › Up to 141 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.
- › All critical components are mounted on a single tray for simple end of life repair or upgrade.
- › 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 White tunable
- Optional Integral R44 presence and daylight sensor
- Optional Integral Reacta-Air wireless presence and daylight regulations sensor
- Optional integral Reacta-Link for integration with Reacta-Link wireless installations
- Optional integral Reacta-Control for integration with Reacta-Control wireless installations

**INSTALLATION**

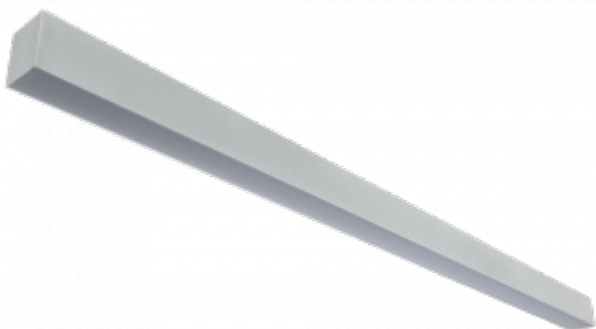
- Suitable for suspended installation
- Suitable for surface installation

**VARIATIONS**

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

IMAGES

**PRODUCT IMAGES**



Runway Grey



Runway Black



Runway White

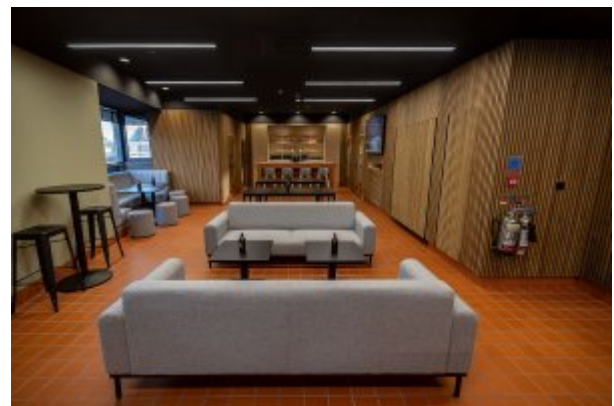
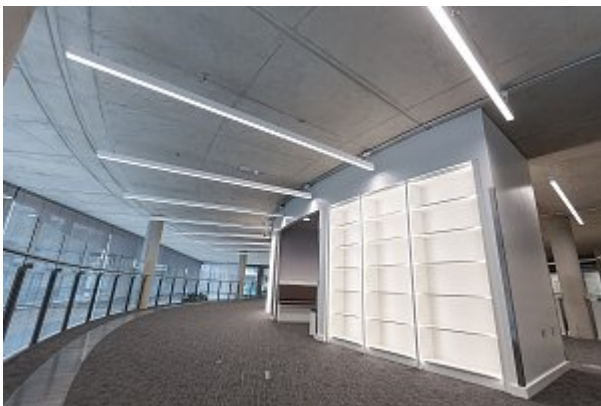


Runway Opal Diffuser



Runway Microprism Diffuser

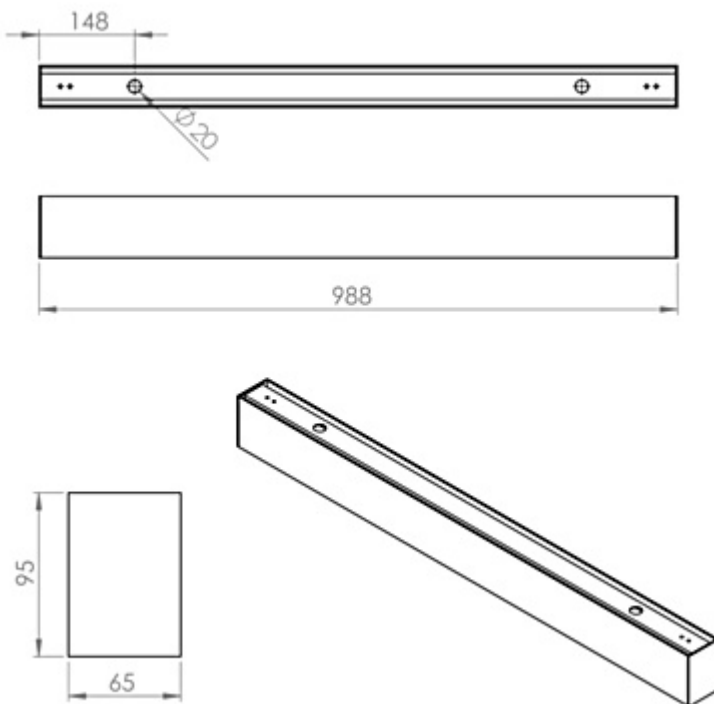
**PROJECT IMAGES**



TECHNICAL

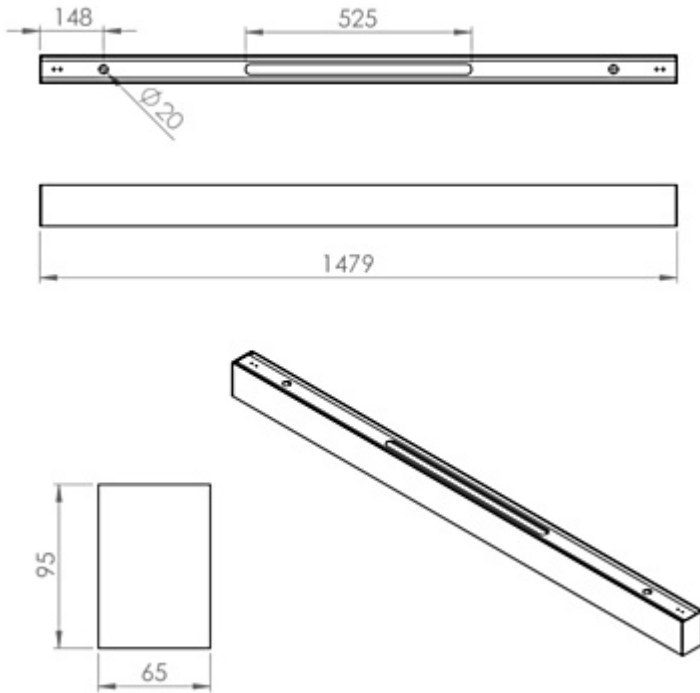
**RUNWAY DESIGN CONSIDERATIONS**

- L14, L22 and L29 variants comply with BSEN 12464 3000 candela limit when used with MP diffuser.
- Bi-Directional is available in 1200mm, 1500mm & 2000mm variants and should only be used when suspended.
- Autotest LA3 emergency and DALI Dimming will use common DALI BUS Cable. LA3 emergency can not be combined with other dimming types.
- White tunable variants come in non standard lumen outputs, please enquire for more details.
- Where luminaire lumen and lumen per watt figures are published these relate to the opal diffuser variants.
- Two suspension kits are required per luminaire.
- All Bi-Directional versions provide 75% down light and 25% up light.
- Emergency and Reacta-Air Sensor can not be combined in 1000mm versions.
- Runway 2000mm Bi-Directional variants incorporate wider spaces between up-light optics than 1500mm variants so care should be taken when they are mixed in the same area to ensure up-light distribution is even.

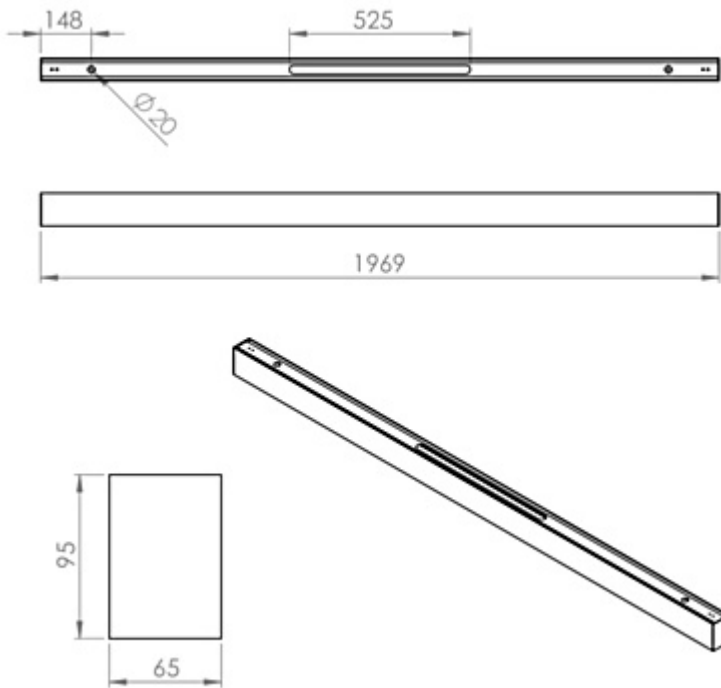


Runway Surface / Suspended Standalone 1000mm





Runway Surface / Suspended Standalone 1500mm



Runway Surface / Suspended Standalone 2000mm

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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.**

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## ORDER CODES

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### LUMINAIRE

Standalone Surface / Suspended

Code	Description	Power	Llm/W
RWY 1000 L14 OP GY	Runway, 1000mm, 938llm, Opal, Grey, Colour 84	9.6W	98
RWY 1000 L14 MP GY	Runway, 1000mm, 871llm, Microprism, Grey, Colour 84	9.6W	91
RWY 1000 L20 OP GY	Runway, 1000mm, 1,331llm, Opal, Grey, Colour 84	13.2W	100
RWY 1000 L20 MP GY	Runway, 1000mm, 1,233llm, Microprism, Grey, Colour 84	13.2W	93
RWY 1000 L30 OP GY	Runway, 1000mm, 2,000llm, Opal, Grey, Colour 84	18.9W	106
RWY 1000 L30 MP GY	Runway, 1000mm, 1,853llm, Microprism, Grey, Colour 84	18.9W	98
RWY 1500 L22 OP GY	Runway, 1500mm, 1,628llm, Opal, Grey, Colour 84	13.9W	117
RWY 1500 L22 MP GY	Runway, 1500mm, 1,519llm, Microprism, Grey, Colour 84	13.9W	109
RWY 1500 L30 OP GY	Runway, 1500mm, 2,221llm, Opal, Grey, Colour 84	18.9W	117
RWY 1500 L30 MP GY	Runway, 1500mm, 2,072llm, Microprism, Grey, Colour 84	18.9W	110
RWY 1500 L45 OP GY	Runway, 1500mm, 3,331llm, Opal, Grey, Colour 84	27.3W	122
RWY 1500 L45 MP GY	Runway, 1500mm, 3,108llm, Microprism, Grey, Colour 84	27.3W	114
RWY 1500 L96 OP GY	Runway, 1500mm, 7,104llm, Opal, Colour 84	54.4W	131
RWY 1500 L96 MP GY	Runway, 1500mm, 6,630llm, Microprism, Colour 84	54.4W	122
RWY 1500 L127 BD OP GY	Runway, 1500mm, 8,976llm, Opal, Bi-Directional, Colour 84	72.8W	123
RWY 1500 L127 BD MP GY	Runway, 1500mm, 8,446llm, Microprism, Bi-Directional, Colour 84	72.8W	116
RWY 1500 L29 BD OP GY	Runway, 1500mm, 2,146llm, Bi-Directional, Opal, Grey, Colour 84	17.1W	125
RWY 1500 L29 BD MP GY	Runway, 1500mm, 1,929llm, Bi-Directional, Microprism, Grey, Colour 84	17.1W	113
RWY 1500 L40 BD OP GY	Runway, 1500mm, 2,829llm, Bi-Directional, Opal, Grey, Colour 84	24.5W	115
RWY 1500 L40 BD MP GY	Runway, 1500mm, 2,660llm, Bi-Directional, Microprism, Grey, Colour 84	24.5W	108
RWY 1500 L60 BD OP GY	Runway, 1500mm, 4,244llm, Bi-Directional, Opal, Grey, Colour 84	34.6W	123
RWY 1500 L60 BD MP GY	Runway, 1500mm, 3,990llm, Bi-Directional, Microprism, Grey, Colour 84	34.6W	115
RWY 2000 L29 OP GY	Runway, 2000mm, 2,146llm, Opal, Grey, Colour 84	17.1W	124
RWY 2000 L29 MP GY	Runway, 2000mm, 2,001llm, Microprism, Grey, Colour 84	17.1W	116
RWY 2000 L40 OP GY	Runway, 2000mm, 2,960llm, Opal, Grey, Colour 84	24.5W	121
RWY 2000 L40 MP GY	Runway, 2000mm, 2,760llm, Microprism, Grey, Colour 84	24.5W	113
RWY 2000 L60 OP GY	Runway, 2000mm, 4,440llm, Opal, Grey, Colour 84	34.6W	128
RWY 2000 L60 MP GY	Runway, 2000mm, 4,140llm, Microprism, Grey, Colour 84	34.6W	120
RWY 2000 L38 BD OP GY	Runway, 2000mm, 2,987llm, Bi-Directional, Opal, Grey, Colour 84	23.4W	128
RWY 2000 L38 BD MP GY	Runway, 2000mm, 2,687llm, Bi-Directional, Microprism, Grey, Colour 84	23.4W	115
RWY 2000 L53 BD OP GY	Runway, 2000mm, 4,166llm, Bi-Directional, Opal, Grey, Colour 84	30.7W	136
RWY 2000 L53 BD MP GY	Runway, 2000mm, 3,747llm, Bi-Directional, Microprism, Grey, Colour 84	30.7W	122
RWY 2000 L80 BD OP GY	Runway, 2000mm, 5,656llm, Bi-Directional, Opal, Grey, Colour 84	40.1W	141
RWY 2000 L80 BD MP GY	Runway, 2000mm, 5,320llm, Bi-Directional, Microprism, Grey, Colour 84	40.1W	133

Please refer to the Runway Design Consideration notes in the Technical section prior to placing your order

**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
WT	White Tunable (Lumen Outputs Vary from Standard)

Please click [here](#) for full details on our white tunable offer.

Please refer to the Runway Design Consideration notes in the Technical section prior to placing your order.

**CONTROL**

Code	Description
R44	Reacta 44, Presence & Daylight, 2.5-7M
RAS	Reacta-Air Bluetooth, Wireless, Presence & Daylight, 2.5-3M
RLI	Reacta-Link, Wireless Enabled Luminaire

RLS	Reacta-Link Wireless, Presence & Daylight, 2.5M-5M
RC	Reacta-Control, Wireless Enabled Luminaire
RCS	Reacta-Control Wireless, Presence & Daylight, 2.5-4M

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

Please refer to the Runway Design Consideration notes in the Technical section prior to placing your order.

## 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

Please refer to the Runway Design Consideration notes in the Technical section prior to placing your order.

## MISCELLANEOUS

Code	Description
C**	Select Colour Temperature and Rendering: C83, C84, C85, C865, C93, C94
WH	White Finish
BL	Black Finish
RWY SMK STANDALONE	Runway Standalone Surface Mount Kit
SUSP RWY 3M BF X1	Runway 3M suspension Kit One Drop
RWY INSTALL KIT	Runway Installation Kit
LSF	Low Smoke Zero Halogen

Please refer to the Runway Design Consideration notes in the Technical section prior to placing your order.

# Runway Suspended / Surface Standalone Installation

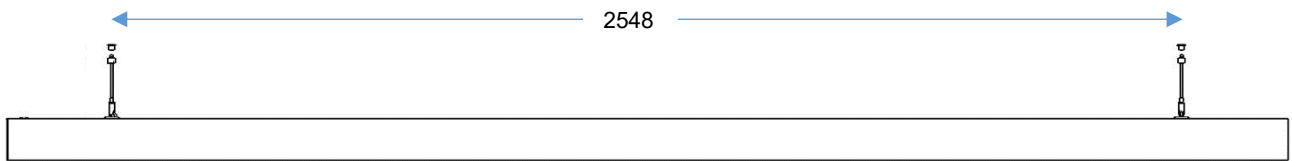
220-240V / 50-60Hz  
IP20



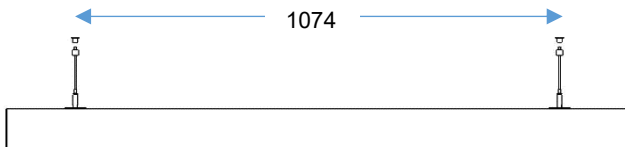
**WARNING:** Luminaire must be earthed. Risk of electric shock from LED boards if operated with cover removed. Installation / operation outside of luminaires intended scope invalidates warranty. Suitable only for domestic / light industrial / industrial applications within the scope of EN55015. Tested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

## 1a. 2948mm Standalone (suspended)

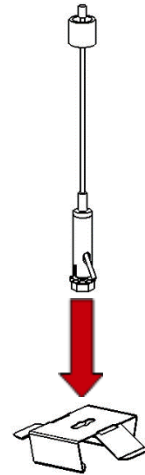


## 1b. 1474mm Standalone (suspended)

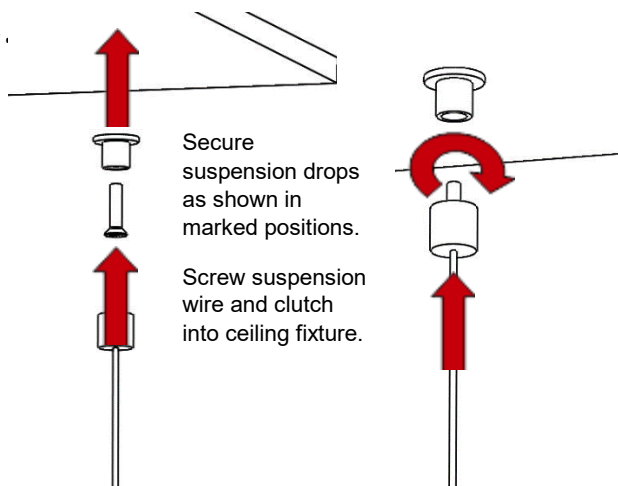


## 2.

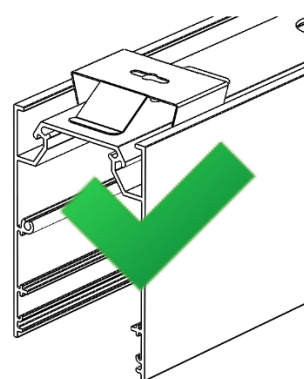
Attach the suspension wire the spring brackets ready to be attached to the trunking.



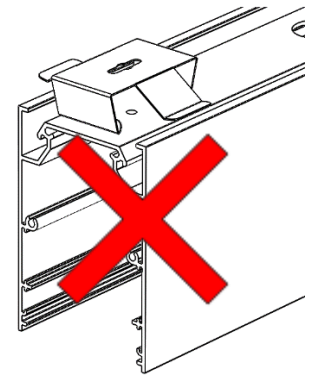
## 3.



## 4.



Correct Orientation



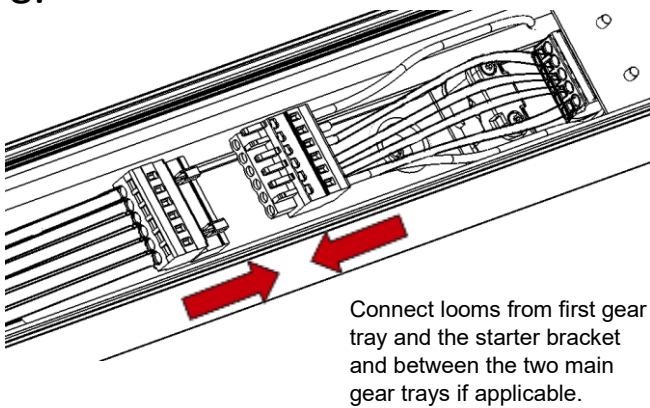
Wrong Orientation

<p>5.</p> <p>Snap the spring brackets onto the trunking and adjust position until the suspension wires hang vertically.</p>	<p>6.</p> <p>Open the starter bracket to allow access to the terminal block.</p>
<p>7.</p> <p>Feed mains cable in through grommet in rear of trunking. Wire into marked terminals as required.</p> <p>Fold starter bracket back into trunking after wiring in mains cable.</p>	<p>8.</p> <p>Push spring on bracket in trunking to lock in place.</p>
<p>9.</p> <p>Locate all tether brackets and clip gear trays to each bracket in the trunking. (Shown without end cap)</p> <p>Clip all trays into trunking and allow the trays to hang.</p>	<p>10.</p> <p>Connect looms from first gear tray and the starter bracket and between the two main gear trays if applicable.</p>
<p>11.</p> <p>Raise gear trays up into the trunking and engage on small leaf springs as shown.</p> <p>NOTE: END CAP NOT SHOWN TO SHOW LEAF SPRING DETAIL.</p>	<p>12.</p> <p>Unpack the diffusers carefully and offer up into the trunking once gear trays are secured in place. They should snap into place easily.</p>

<p><b>1.</b> Standalone (surface)</p>		
<p><b>2.</b></p> <p>Secure surface mount brackets to ceiling using suitable screws. Ensure they are positioned correctly.</p>	<p><b>3.</b></p> <p>Once spring brackets are attached to ceiling, snap the trunking onto them ensuring they're secure.</p>	
<p><b>4.</b></p> <p>Open the starter bracket to allow access to the terminal block.</p>	<p><b>5.</b></p> <p>Feed mains cable in through grommet in rear of trunking. Wire into marked terminals as required.</p> <p>Fold starter bracket back into trunking after wiring in mains cable.</p>	
<p><b>6.</b></p> <p>Push spring on bracket in trunking to lock in place.</p>	<p><b>7.</b></p> <p>Locate all tether brackets and clip gear trays to each bracket in the trunking. (Shown without end cap)</p> <p>Clip all trays into trunking and allow the trays to hang.</p>	



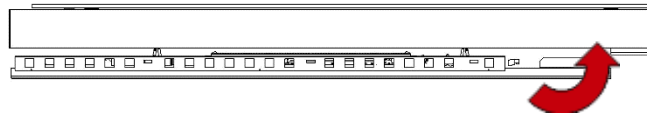
8.



Connect looms from first gear tray and the starter bracket and between the two main gear trays if applicable.

9.

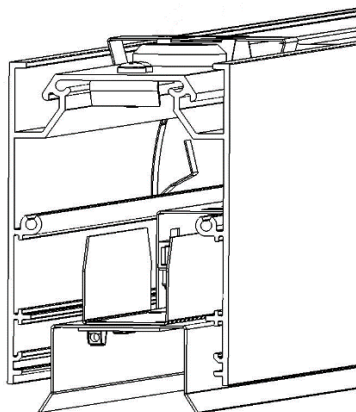
Raise gear trays up into the trunking and engage on small leaf springs.



10.

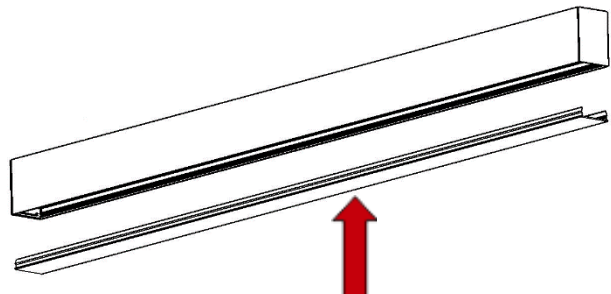
Engage on small leaf springs as shown.

NOTE: END CAP NOT SHOWN TO SHOW LEAF SPRING DETAIL.

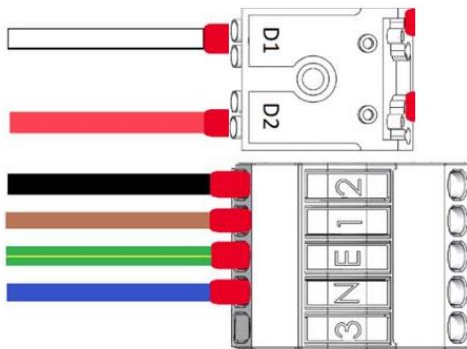


11.

Unpack the diffusers carefully and offer up into the trunking once gear trays are secured in place. They should snap into place easily.



12.



### Maintenance

- 1 Disconnect luminaire before undertaken any 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 headed screwdriver to remove diffuser.
- 4 Remove gear tray from housing.
- 5 Remove plastic rivets to separate the two gear trays.
- 6 Use a pan pozi screwdriver to remove components.
- 7 Please contact Dextra for assistance with spare component supply.

