



Product Specification

MODLP



INTRODUCTION

The MODLP offers compatibility with in tile and linear plank ceiling systems such as SAS 330. With microprism diffuser the MODLP provides glare compliance to BSEN 12464 and UGR 19, and is available in a range of finishes including RAL 9010 to suit the appearance of most linear plank ceiling systems. A wide range of options compliment the MODLP including multiple lumen outputs, integral sensors, all common dimming variants, integral emergency with lithium batteries as standard for extended warranty and lifetime and air handling up to 25 litres per second.

Wireless versions of the MODLP are available offering compatibility with a range of wireless control systems providing grouped operation of luminaires, integration with wireless controls such as sensors and switches and automated testing and reporting of emergency systems offering significant reductions in the life time operating cost of your system.

Due to the custom nature of linear plank ceiling systems please confirm the exact dimensions of the tile size or tile aperture when placing your order.



CE IP40 TM21: L90>60K HOURS / L80>100K HOURS TP(a) TM66 CEAM Score: 2.5

APPLICATION

- Commercial & Offices
- Corridor
- Education
- Office

SPECIFICATION

CONSTRUCTION

- Housing: 0.7mm CR4 steel
- Finish: Polyester powder painted RAL 9010 textura matt white
- Diffuser: 2mm high transmission opal polycarbonate TP(a) rated
- IK08
- IP20
- IP40

PERFORMANCE

- BSEN 12464-1:2011 3000 Candela 65° and UGR 19 compliance
- TM21: L90>60K Hours / L80>100K Hours
- Up to 134 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

- HFR 1-10V analogue dimming
- Optional compatibility with a range of dimming systems including DALI, DSI and Switch Dimming
- Optional White tunable
- Optional Integral DR44 presence and daylight sensor
- Optional Integral D44 wireless presence and daylight sensor
- Optional integral Reacta-Link for integration with Reacta-Link wireless installations
- Optional integral Reacta-Control for integration with Reacta-Control wireless installations

INSTALLATION

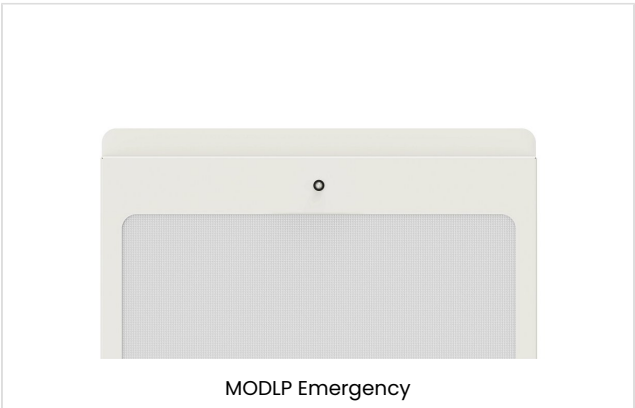
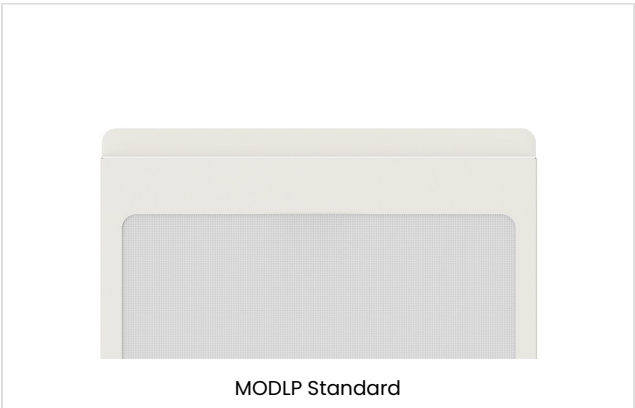
- Suitable for lay-in installation in exposed T ceilings
- Suitable for plasterboard installation when purchased with the appropriate plasterboard kit
- End mount installation ensures compatibility with linear plank ceilings.
- Available in narrow sizes to suit in tile applications.
- Optional compatibility with air handling systems.
- Due to the custom nature of linear plank ceiling systems please confirm the exact dimensions of the tile size or tile aperture when placing your order.

VARIATIONS

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

IMAGES

PRODUCT IMAGES

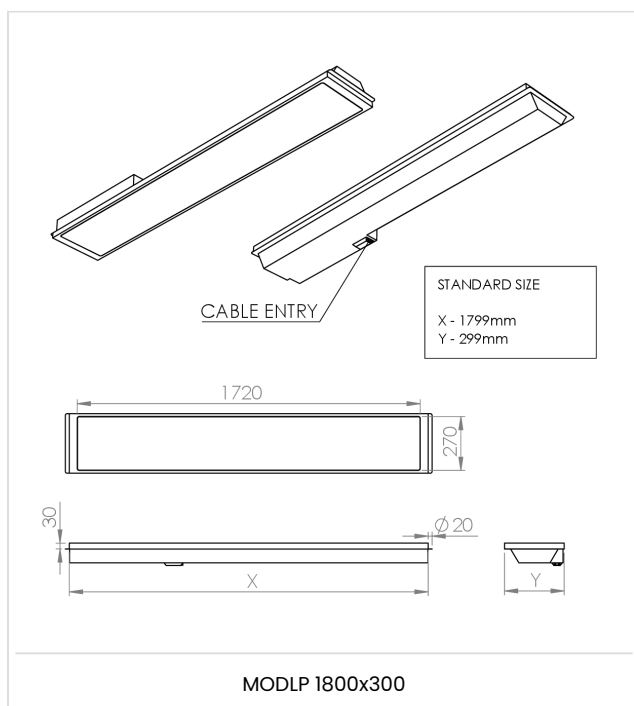
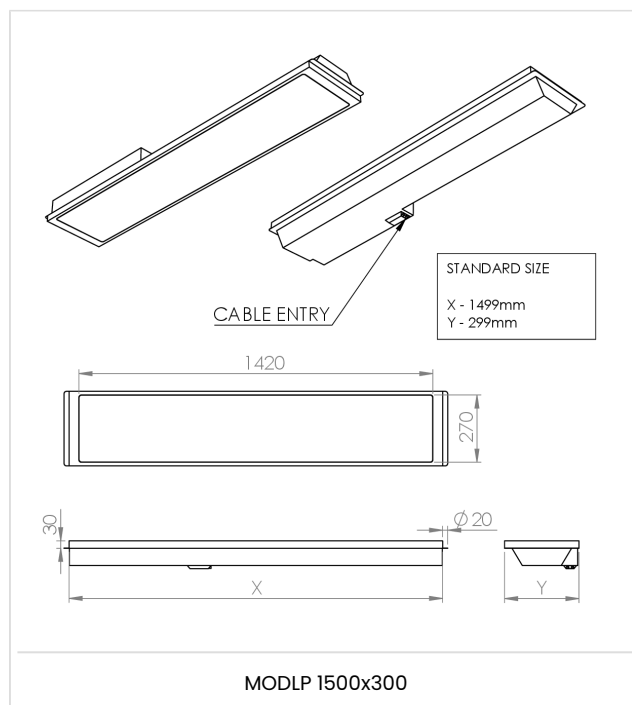
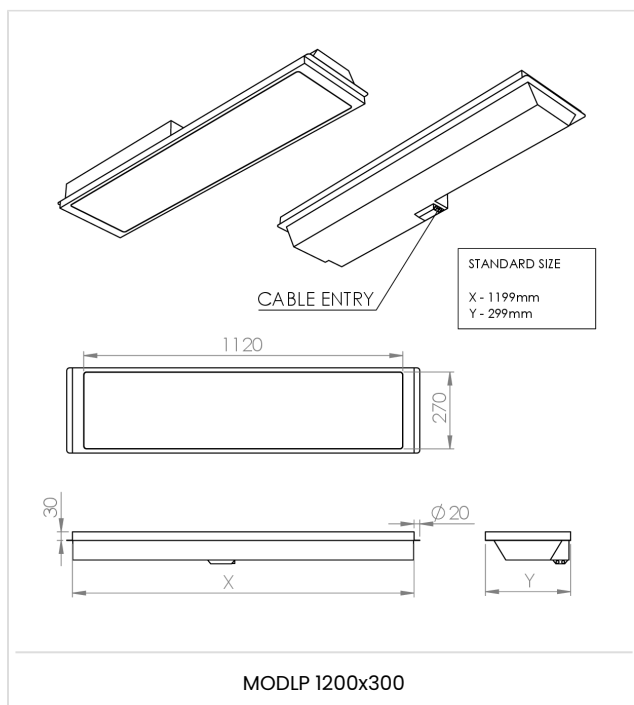




MODLP Sensor



MODLP Sensor & Emergency

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 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.

ORDER CODES

LUMINAIRE

Code	Description	Power	Llm/W
MODLP 123 L35	MOD Linear Plank, 1200x300, 2,622lm, RAL 9010, Colour 84.	19.6W	134
MODLP 123 L45	MOD Linear Plank, 1200x300, 3,370lm, RAL 9010, Colour 84.	25.7W	131
MODLP 153 L35	MOD Linear Plank, 1500x300, 2,418lm, RAL 9010, Colour 84	18.2W	133
MODLP 153 L45	MOD Linear Plank, 1500x300, 3,108lm, RAL 9010, Colour 84	23.6W	132
MODLP 183 L35	MOD Linear Plank, 1800x300, 2,515lm, RAL 9010, Colour 84	18.5W	136
MODLP 183 L45	MOD Linear Plank, 1800x300, 3,042lm, RAL 9010, Colour 84	24.2W	126
MODLP 121 L35	MOD Linear Plank, Customer Defined Size, 2,622lm, RAL 9010, Colour 84.	19.6W	134
MODLP 121 L45	MOD Linear Plank, Customer Defined Size, 3,370lm, RAL 9010, Colour 84.	25.7W	131

Please specify tile dimensions when ordering

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

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

CONTROL

Code	Description
D44	DexNET Sensor, Wireless, Presence & Daylight, 2.5-5M
DR44	DEXNet Sensor, Presence & Daylight, 2.5-4M
DN	DexNET Node, Wireless Node only.
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.

EMERGENCY

Code	Description
LE3	Lithium Standard Emergency 3 Hour
LS3	Lithium Selftest Emergency 3 Hour
LA3	Lithium Autotest Emergency 3 Hour
LA3D	Lithium DexNET Emergency 3 Hour
LSTR	Lithium Reacta-Link Emergency 3 Hour
LA3RC	Lithium Reacta-Control Emergency 3 Hour
CB	Central Battery, Please Specify 110V or 230V when Ordering

MISCELLANEOUS

Code	Description
C**	Select Colour Temperature and Rendering; C827, C83, C85, C865, C93, C94
AH25	Air Handling, 25 litres per second
4PM	4 Pole Panel Mount

6PM	6 Pole Panel Mount
RECESSED TETHER KIT TWIN	Secondary fix twin drop.
LSF	Low Smoke Zero Halogen

MODLP Installation

220-240V / 50-60Hz

IP20

IK03

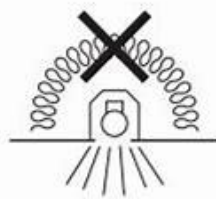
Terminal Labelling:

Power

L1 Switched Live
E/ Earth
N Neutral

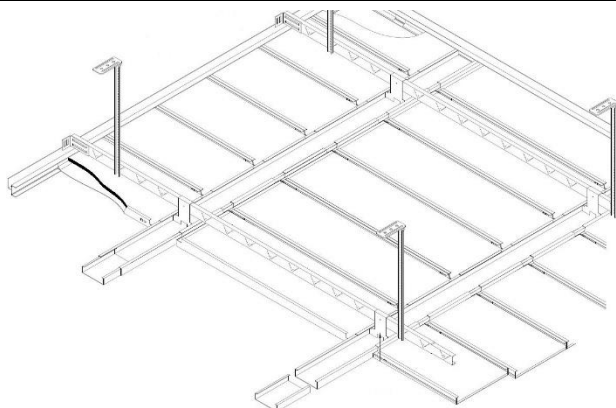
Emergency

L2 Unswitched Live
DA/AT3 DALI Autotest
DALI Autotest
Dimming Analogue/DSI/DALI
DA+/D2 Analogue/DSI/DALI
DA-/D1 Switch Dim / Corridor
L3 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. Lithium iron phosphate batteries must be replaced with identical make and model.

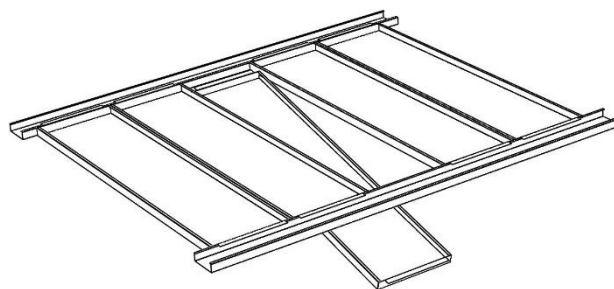
1.



SAS System 330 typical ceiling set-out.

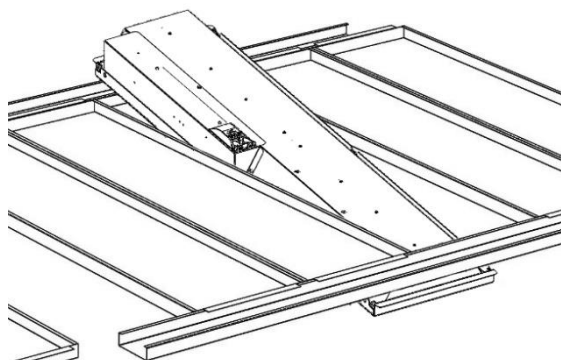
Note: ceiling tile size may be non-standard

2.



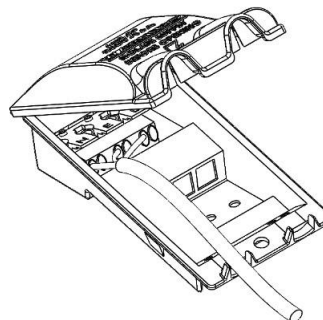
Remove the ceiling tile (or existing luminaire).

3.



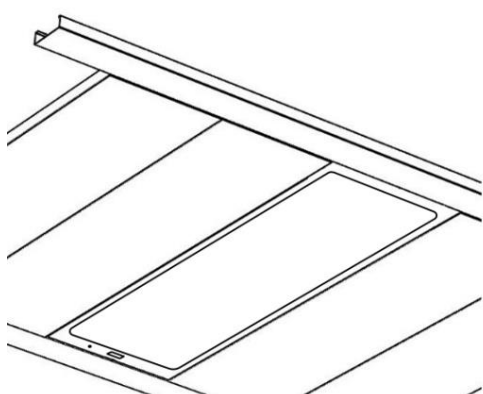
Offer up the new MODLP luminaire, installing as per the tile (rests on end return flanges).

4.



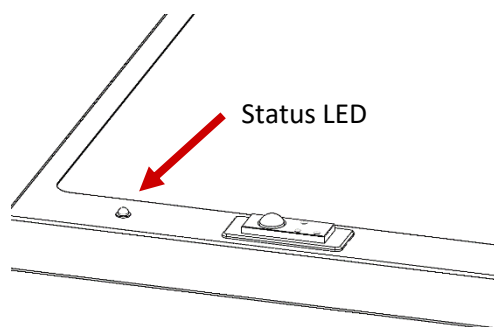
Make electrical connection as required – this can be done prior to install if more convenient.

5.



Installed fitting should fit as tile and be flush.

6.



If applicable: Test for operation / check dimming function. If applicable: check emergency status LED.

Maintenance

- ① Disconnect luminaire before undertaking any maintenance or cleaning.
- ② Maintenance should be undertaken on external parts of the luminaire only using a slightly damp lint free cloth.
- ③ To access LED circuit use a pan pozi screwdriver to remove screws from frame.
- ④ Use a pan pozi screwdriver to remove gear tray and components.
- ⑤ Please contact Dextra for assistance with spare component supply.

