



# PRODUCT SPECIFICATION

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ProIP



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## INTRODUCTION

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The ProIP offers a covered and sealed product where clients demand the combination of a sensor controlled, energy efficient, low maintenance luminaire with ease of cleaning and protection against dust and water ingress. The ProIP is available in both IP20 variants, where a covered luminaire is required for ease of cleaning, and IP65 variants where complete protection is required from dust and water.

With a range of integral sensor options and highly efficient LEDs and drivers the ProIP offers excellent return on investment in a range of arduous applications such as food production and manufacturing. The ProIP is also offered with our constant lumen output function which gradually increases the power output of the driver over its lifetime, offsetting lumen depreciation and ensuring that schemes can be calculated with minimal maintenance factors.

With two sensor options, the R11 sensor offering presence and the R44 sensor offering both presence detection and daylight regulation, wide and narrow detection patterns and mounting heights of 2.5m to 16m depending on the sensor type, the ProIP can be tailored to ensure the most effective solution possible for your project. With an integral sensor in each luminaire there is no need to modify external wiring allowing for rapid and low cost installation.

All sensor options in the ProIP range are compatible with the Dexeco REA-AP controller offering simple ground level programming allowing for quick and simple reconfiguration of sensors when required.

- CE
- IP20
- IP65
- L90 / 60K OPERATING HOURS
- 3 STEP MACADAM ELLIPSE

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## APPLICATION

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- Food/Clean Area
- Industrial/Manufacturing
- Transport
- Warehouse/Storage

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## SPECIFICATION

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### CONSTRUCTION

- Robust, white powder coated steel body.
- Injection moulded polycarbonate end caps.
- Fully assembled and ready to install, with no requirement for on-site assembly.
- Injection moulded white polycarbonate LED shield for optical control.
- Faceted clear polycarbonate cover.
- Silicon gaskets.
- Internal gear tray in IP65 variants.

### PERFORMANCE

- 91 luminaire lumens per circuit watt.
- LEDs offer long life and low maintenance.
- Constant lumen output eliminates lumen depreciation of the source over lifetime.
- LM80 verified: 90% LED lumen maintenance for 60,000 operating hours.
- Standard Deviation Colour Match – 3 Step Macadam's Ellipse.
- L2 compliant.

### CONTROL

- Ground level commissioning and setting adjustment using the REA-AP remote control.
- Available with both R11 and R44 offering daylight regulation and presence detection for a range of mounting heights with lens options offering both open area and racking aisle detection patterns allowing maximum spacing between luminaires with effective sensor coverage.

### EMERGENCY

- 3 hour standard maintained, self-test or auto-test.

### INSTALLATION

- Supplied with zintec spine for quick and simple luminaire mounting.
- Prewired lead to eliminate the need to access the luminaire for terminal wiring.
- Integral sensors in each luminaire eliminate the need for additional wiring, simply use existing, earth and neutral wiring connection ensuring low cost one for one replacement.
- LED source does not include glass or mercury and is therefore ideal for food production applications.

VARIATIONS

- Use as an emergency luminaire with integral 3 hour maintained emergency pack.
- Dimming and sensor controlled features are optional extras for additional energy saving and return on investment.

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IMAGES

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PRODUCT IMAGES

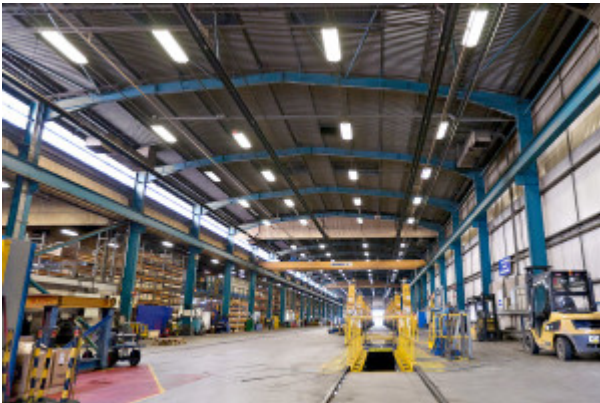


ProLED IP20



ProLED IP65

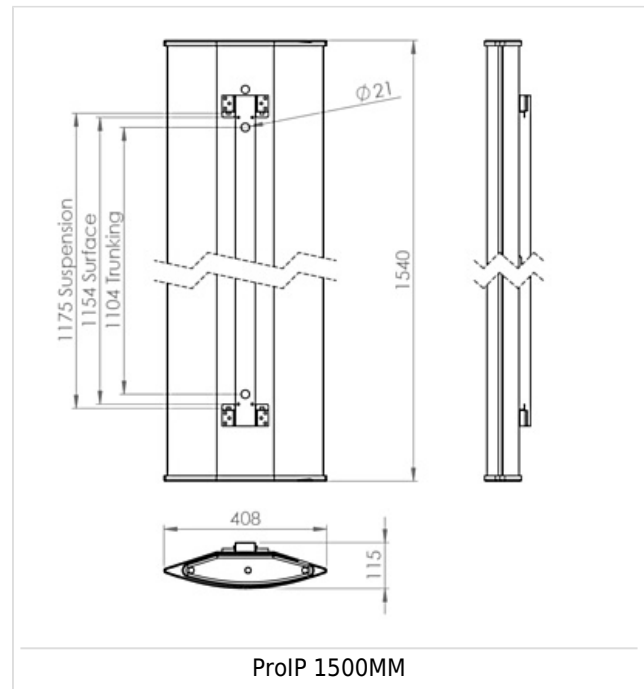
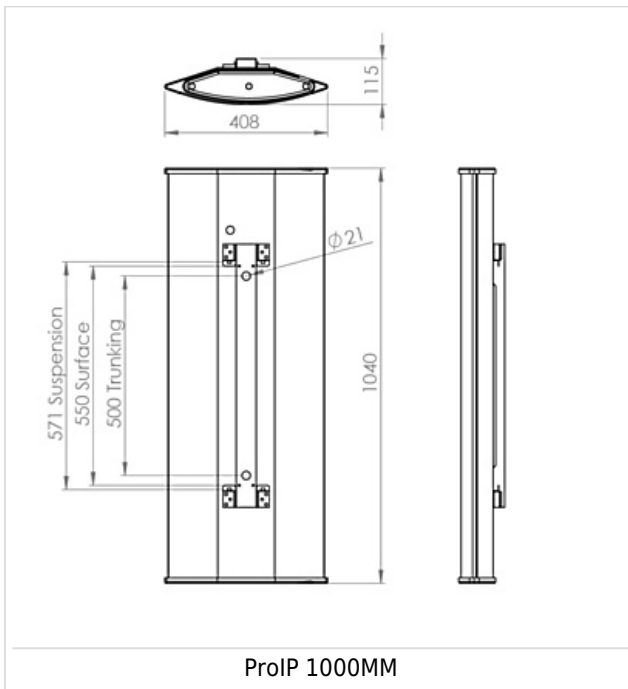
PROJECT IMAGES



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TECHNICAL

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## 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 three year warranty for parts and labour. 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.
- Protec Micro, 7W Fire Rated Downlights and Serenus are provided with a five 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 including Glide Power, Glide Mini, Glide RGBW, Colour Glide, Glide In Ground, Glide Pixel and AluLED

ranges are supplied with a three year parts or replacement luminaire only warranty.

- LEDEX ranges are supplied with a three 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.

If you require any assistance with regards to our products please contact our Customer Services department on 01747 858100.

[DOWNLOAD WARRANTY PDF](#)

## ORDER CODES

### LUMINAIRE CODES

Code	Description	Circuit Wattages	Llm/W
IP20			
PRO L170	ProIP, 1000mm, 13,466lm, Colour 84	95.9W	140
PRO L240	ProIP, 1000mm, 19,037lm, Colour 84	138.4W	139
PRO L345	ProIP, 1500mm, 27,740lm, Colour 84	199.9W	139
IP65			
PRO65 L170	ProIP, 1000mm, 13,664lm, Colour 84	95.9W	142
PRO65 L240	ProIP, 1000mm, 19,176lm, Colour 84	138.4W	139
PRO65 L345	ProIP, 1500mm, 26,839lm, Colour 84	199.9W	134

### DIMMING OPTIONS

Code	Description
H	High Frequency Dimming (Analogue 1-10v)
A	Digital Addressable Lighting Interface (DALI)

### LIGHTING CONTROL

Code	Description
R11HN	Reacta 11, HFR, Narrow
R11HW	Reacta 11, HFR, Wide
R44SA	Integral PIR and daylight regulation remote programmable sensor
RLI	Dextra Reacta-Link System
RLS	Reacta-Link presence detection sensor

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

R44 is only available in the IP20 variants

**EMERGENCY**

Code	Description
LE3	Lithium Emergency 3 Hour
LS3	Lithium Selftest
LA3	Lithium Autotest
LSTR	Lithium Emergency Reacta-Link
CB	Please specify 50v, 110v or 230v when ordering

In IP65 variants, emergency is only available in L170 1000mm variants and L240 1500mm variants