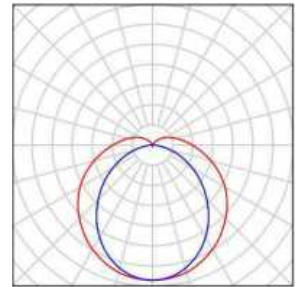


low bay

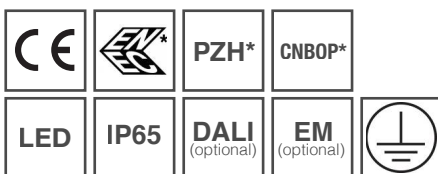
LED

THE ENERGY-EFFICIENT LOW BAY LED LUMINAIRE ELUMA

Models: PD-EN4/1L/4400, PD-EN4/1L/8000,
PD-EN5/1L/5500, PD-EN5/1L/10000



ELUMA LOW BAY LED range is a high quality low bay commercial luminaire designed to be used in heights from 2 meters and up to 5 meters. ELUMA LOW BAY LED offers immediate savings of around 70% over traditional lightings.



GENERAL TECHNICAL SPECIFICATIONS

| | | | |
|---------------------------|--|----------------------------------|--------------------|
| Supply Voltage | 220-230V AC | Number of LED modules | 1-3 |
| Supply Frequency | 50-60 Hz | Lamp Family Code | Philips Fortimo |
| RFI Suppression | EN 55015 / CISPR 15 | Light color K | 3000, 4000 or 5000 |
| Immunity | EN 61547 | Color Rendering Index | > 80 or > 90 |
| Harmonics | EN 6100-3-2 | Min Useful Life L80 B50 | 50.000 h |
| Operating Temperature** | -35 - +50 °C | Driver /power unit/ | Philips Xitanium |
| Storage Temperature | -40 - +60 °C | Power Factor (full load at 230V) | > 0.90 |
| Housing Material | Glass fibre reinforced flame-resistant polyester | Dimmable | Optional |
| Diffuser | Opal acrylic diffuser or Polycarbonate | Emergency Pack | Optional |
| Gear Tray | Prepainted steal 0.5 mm | System Wattage | up to 65 W |
| Water and Dust Resistance | IP65 | LED Module Efficiency | up to 165 lm/W |
| Protection class IEC | Safety class I | LED Luminous Flux per Fitting | up to 10.000 lm |

* in preparation

** Only with Xtr drivers. Otherwise from -20 to +40 °C. Operating Temperature limitations for P/S/EM options see on Page 2.

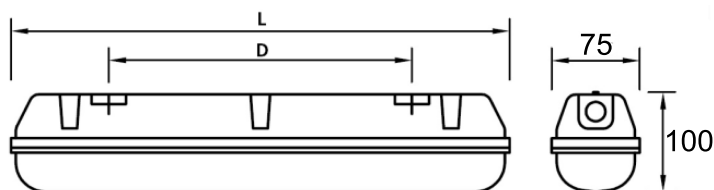
GENERAL TECHNICAL SPECIFICATIONS

| Ref. | System Wattage (W) | LED Luminous Flux per Fitting | Available Options | Dimensions (mm)* | | Optimum Working Height |
|-----------------------|--------------------|-------------------------------|-------------------|------------------|------|------------------------|
| | | | | L | D | |
| PD-EN4/1L/4400 | 25 - 35W | 4.400 lm | P/S/EM | 1210 | 880 | 2 - 5 m |
| PD-EN4/1L/8000 | 45 - 65W | 8.000 lm | P/S/EM | 1210 | 880 | 2 - 5 m |
| PD-EN5/1L/5500 | 25 - 35W | 5.500 lm | P/S/EM | 1510 | 1180 | 2 - 5 m |
| PD-EN5/1L/10000 | 45 - 65W | 10.000 lm | P/S/EM | 1510 | 1180 | 2 - 5 m |

* without sensor

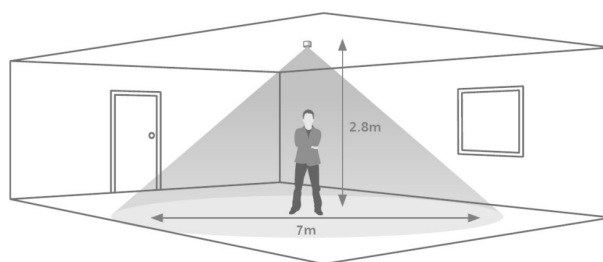
| Additional options | Ref. |
|----------------------|------|
| PIR only | P |
| PIR and Light Sensor | S |
| Emergency Pack | EM |

There is a possibility to order ready-to-use luminaires with desired length of cable installed.

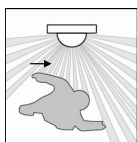


SENSOR PARAMETERS

| | |
|-------------|-----------------------------|
| Model | EBMPIR-MB (CP Electronics) |
| Humidity | 5 to 95% non-condensing |
| Temperature | -10°C to 35°C |
| | LT30 versions -30°C to 35°C |
| Material | Flame retardant ABS/PC |
| IP rating | IP65 |

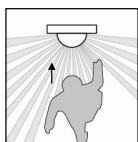


Walk across



| Height | Range Diameter |
|--------|----------------|
| 7m | 16m |
| 2.8m | 9m |

Walk towards



| Height | Range Diameter |
|--------|----------------|
| 7m | 10m |
| 2.8m | 5m |

Area of high sensitivity Area of lower sensitivity

EMERGENCY PACKS

| | |
|---|------------|
| TrustSight LED 40-80mA 2.6W (1 battery) | 1 hour |
| TrustSight LED 40-80mA 2.6W (2 batteries) | 3 hours |
| Operating Temperature | 0 - +40 °C |



ISO 9001
ISO 14001
OHSAS 18001
BUREAU VERITAS
Certification



EcolightTM
Save simple.

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