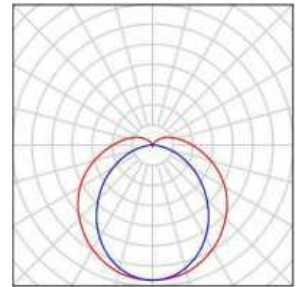


# low bay

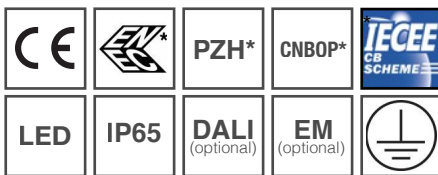
## LED

### 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

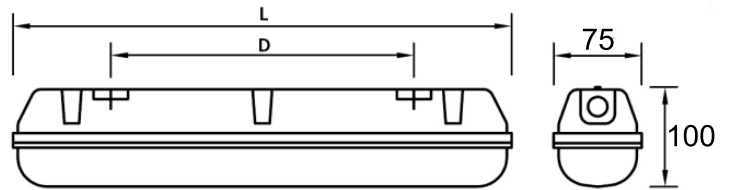
\*\* Only with Xtr drivers. Otherwise from -20 to +40 °C. Operating Temperature limitations for EM/M options see on Page 2.

## 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	M/EM	1210	880	2 - 5 m
PD-EN4/1L/8000	45 - 65W	8.000 lm	M/EM	1210	880	2 - 5 m
PD-EN5/1L/5500	25 - 35W	5.500 lm	M/EM	1510	1180	2 - 5 m
PD-EN5/1L/10000	45 - 65W	10.000 lm	M/EM	1510	1180	2 - 5 m

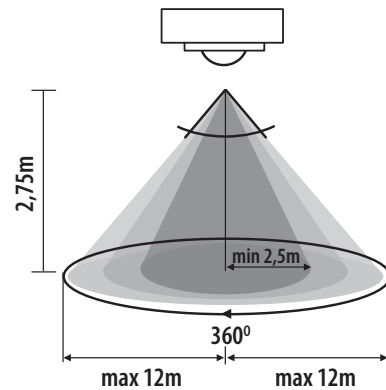
Additional options	Ref.
Integrated Microwave Sensor	M
Emergency Pack	EM

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



## MICROWAVE SENSOR PARAMETERS

Detection Range	360°
Installation Height	1,5 ~ 3,5 meters
Sensor Range	from 1 to 6 meters
Frequency	5,8 GHz
Possibility of fitting lighting time control	from 10 s to 12 min
Sensitivity adjustment range	3...2000lx
Operating Temperature	-20 - +30 °C



## 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**  
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