

## Model: Eluma LED ZL

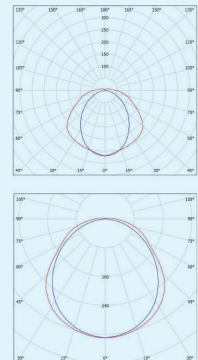
ZL-EN2/1L/2200, ZL-EN2/1L/4000, ZL-EN4/1L/4400,  
ZL-EN4/1L/8000, ZL-EN5/1L/5500, ZL-EN5/1L/10000

### As Powerful And Efficient As Low Bay Can Get!

ELU n ultra-efficient low LED lumin anufacture EU-made parts, this extraordinary product sets an industry standard with a system power up to 75W. The system features outstanding thermal characteristics, and can be utilised in temperatures up to + 50°C. Different housing materials and diffuser options are available depending on application purposes. The combination of polycarbon ng and frosted PC diffuser is ideal for parking lots and other public spaces (protection level IK08). The combination of GRP (glass fibre reinforced polyester) housing and PMMA ((Acrylic diffuser is ideal for industries dealing with chemical substances. ELUMA LED ZL is UV-resistant.

#### Good to know:

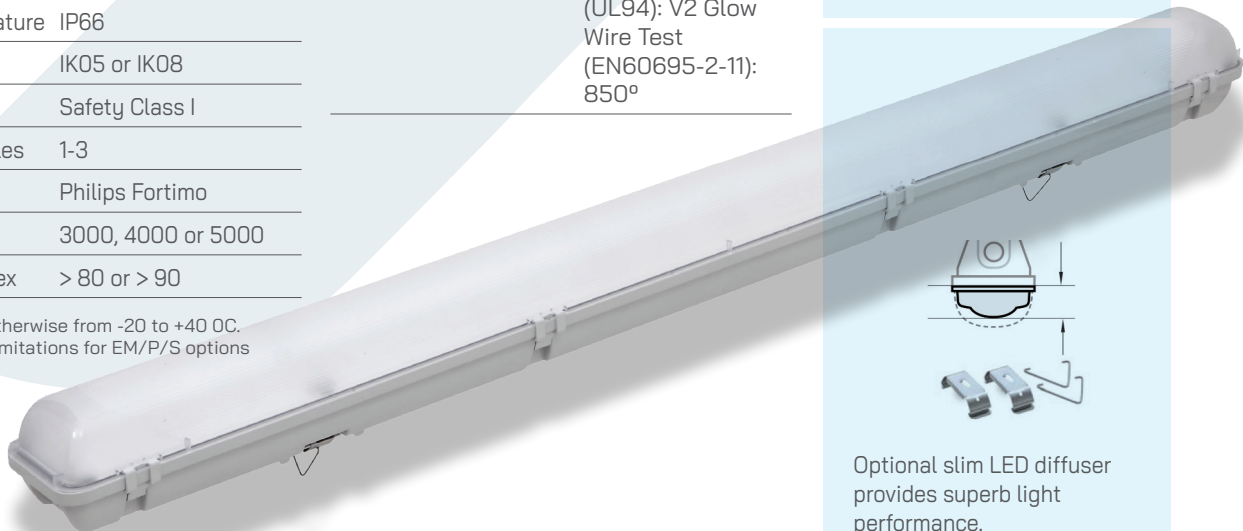
If equipped with a SLIM diffuser, ELUMA LED ZL Lite can be mounted as high as 8 meters off the ground.



#### GENERAL TECHNICAL SPECIFICATIONS

Supply Voltage	220-240V AC	Minimum Useful Life	See next page
Supply Frequency	50-60 Hz	Driver / Power / Unit	Philips Xantium
RFI Suppression	EN 55015 / CISPR 15	Power Factor (Full Load at 230V)	> 0.90
Immunity	EN 61547	Driver Efficiency	> 90%
Harmonics	EN 6100-3-2	Dimmable	Optional
Operating Temperature	-35 - +35° C	Emergency Pack	Optional
Storage Temperature	-40 - +60° C	System Wattage	Up to 75 W
Housing Material	PC (Glass fibre reinforced polyester optional)	LED Module Efficiency (max)	Up to 173 lm/W
Diffuser	Frosted PC (frosted PMMA optional)	Lumen Output of LED Modules (max)	Up to 12,019 lm
Gear Tray	Pre-painted steel 0.5mm	Fire Protection	Flammability (UL94): V2 Glow Wire Test (EN60695-2-11): 850°
Water & Dust Temperature	IP66		
Impact Resistance	IK05 or IK08		
Protection Class IEC	Safety Class I		
Number of LED Modules	1-3		
Lamp Family Code	Philips Fortimo		
Light Colour K	3000, 4000 or 5000		
Colour Rendering Index	> 80 or > 90		

\* Only with Xtr drivers. Otherwise from -20 to +40 OC. Operating Temperature limitations for EM/P/S options see in next page.



Optional slim LED diffuser provides superb light performance.

Fixing brackets and suspension triangle included.



## GENERAL TECHNICAL SPECIFICATIONS

EAN	Reference	Wattage	System Efficacy	System Lumens	Min. Useful Life L80B50	Available Options	Length (mm)*	Optimum Working Weight
4772049000452	ZL-EN2/1L/2200	Up to 15W	173 lm/W	2.582 lm	55.000 hours at Ta 25C° 35.000 hours at Ta 50C°	M/P/S	660 390	2-5m
4772049000469	ZL-EN2/1L/4000	Up to 25W	166 lm/W	4.054 lm	94.000 hours at Ta 25C° 41.000 hours at Ta 50C°	M/P	1573 1100	2-5m
4772049000476	ZL-EN4/1L/4400	Up to 35W	168 lm/W	5.877 lm	55.000 hours at Ta 25C° 35.000 hours at Ta 50C°	EM/M/P/S	1277 800	2-8m
4772049000483	ZL-EN4/1L/4400	Up to 65W	159 lm/W	9.871 lm	94.000 hours at Ta 25C° 41.000 hours at Ta 50C°	EM/M/P/S	1277 800	2-8m
4772049000490	ZL-EN5/1L/5500	Up to 45W	167 lm/W	7.514 lm	55.000 hours at Ta 25C° 35.000 hours at Ta 50C°	EM/M/P/S	1573 1100	2-5m
4772049000506	ZL-EN5/1L/10000	Up to 65W	168 lm/W	10.963 lm	94.000 hours at Ta 25C° 41.000 hours at Ta 50C°	EM/M/P/S	1573 1100	2-8m
4772049000513	ZL-EN5/1L/10000	Up to 75W	160 lm/W	12.019 lm	94.000 hours at Ta 25C° 41.000 hours at Ta 50C°	M/P/S	1573 1100	2-8m

\* without sensor and standard diffuser

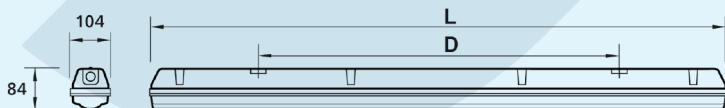
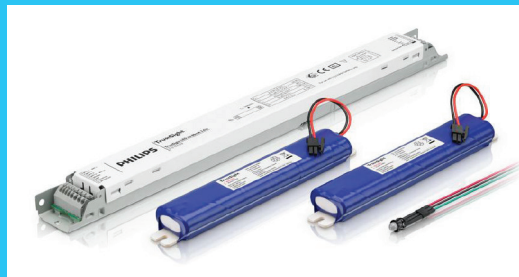
EAN	Additional Options	Reference
4772049001794	Microwave (-20 - +40°C)	M
Multiple selection	PIR Sensor (-10/-30 - +35°C)	P
Multiple selection	PIR and Light Sensor (-10/-30 - +35°C)	S
4772049001039	Emergency Pack 3h (1h optional)*	EM

\* Emergency pack not available with 75W model.

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

### 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 - +30°C



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