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ELUMA LED 4 & 8K

3-5 METERS SPECIFICATIONS

eluma™

a new generation of intelligent lighting

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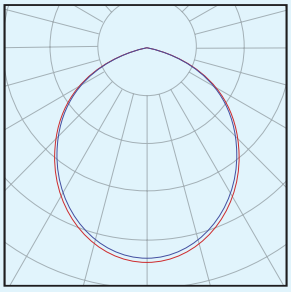
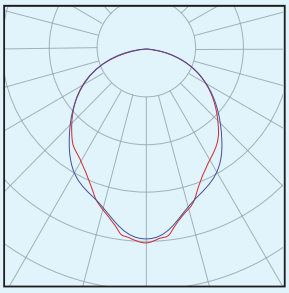
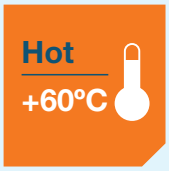
Energy Efficient LED Luminaire For Low Level Applications

Models: Eluma LED 4K & 8K

The Eluma LED range is designed to be installed in heights from 3 metres to 5 metres. The range includes the Atmos lighting controls that include PIR, Dimming, Maintain Light Level, Multi Level Settings and variable sensitivity, for providing optimum energy management whilst maintaining compliant minimum lighting levels. Different optics enables optimised and high efficient lighting for different applications.







GENERAL TECHNICAL SPECIFICATIONS	
Supply Voltage	220-230V AC
Supply Frequency	50-60 Hz
Safety	IEC60598
RFI Suppression	EN 55015 / CISPR 15
Immunity	EN 61547
Harmonics	EN 6100-3-2
Operating Temperature*	-30 - +60℃
Storage Temperature -	-40 - +60℃
Housing Material	Extruded Aluminium/Polycarbonate
Enclosure Rating	IP65
Diffuser Material	PMMA, Polycarbonate or Tempered Glass
Cable Gland	Wieland RST20i3, 3 pole, IP65
Number of LED Modules	2
Lamp Family Code	Philips Fortimo LED, 4000lm, **2200 lm
Light Colour K	3000, 4000 or 5000
Colour Rendering Index	> 80 or > 90
Minimum Useful Life L90B10	> 100,000 h
Driver /power unit/	PHILIPS XITANIUM
Power factor (full load at 230V)	> 0.90
Atmos Sensor	Standard
Dimming	DALI 1% to 100%
Emergency pack	Optional
System Wattage	63W, **35W @ Full Output
LED module efficiency	Up to 165 lm/W @ 25℃
LED Luminous Flux per Fitting	Up to 8,000 lm, **4,400 lm

* Only with Xtr drivers. Otherwise from -20 to +50℃

GENERAL TECHNICAL SPECIFICATIONS

Ref. Options	Wattage	Available	Dimensions (mm) L	W	H	Weight Kg
Eluma 8K**	63W	EM/XT	1330	115	90	6.95
Eluma 4K**	35W	EM/XT	1330	115	90	6.95

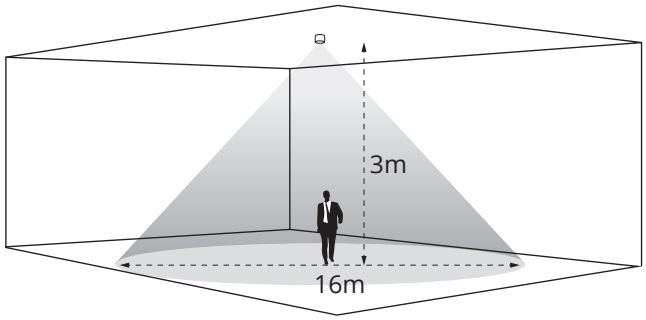
Additional Options	Reference
Emergency*	EM
Extended Temperatures	XT

* Emergency Pack is not available in XT modification.
** 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 - +40°C

Extended Temperatures

The Eluma operating temperature can be extended to 60°C by utilising XT LED drivers and fitting an ntc thermistor on the LED strip Tc to the driver thereby ensuring the LED strip always remains within design limitations.



WALK ACROSS

Height	Height Range Diameter
6 m	16 m
3 m	9 m

WALK TOWARDS

Height	Height Range Diameter
6 m	16 m
4 m	10 m

Hot +60°C

LED | IP65 | DALI | EM (optional)

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