

Zephyr - Large

Zephyr Large 5500LM 4K CLI Grey Photocell
0050082



Product features

- LED Lantern complete with photocell, 60mm side entry spigot and supplied with 0.5 metre mains supply cable, die-cast aluminium housing, polycarbonate cover, IP66, IK08, Class I, 4000K (Neutral White), Non-dimmable, 5500lm, 46W, 120lm/W, CRI80, Lifespan 90,000hrs L70:B50, (LxWxD) 484 x 209 x 98mm. The integrated photocell is turning on the light at 10-16lx and turning it off when it is above 65lx.



PRODUCT OVERVIEW

Product name	Zephyr Large 5500LM 4K CLI Grey Photocell
Technology	LED
Housing	Aluminium
General application	Education, Hospitality, Logistics & Industry, Office, Retail
ETIM Class	EC000062
Warranty	5 years
Fixture luminous flux (lm)	5500
Luminaire efficacy (lm/W)	120
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Photobiological Risk Group	RG1
Total power consumption (W)	46
Electrical protection	Class I
Dimmable	No
Dimming method	N/A
LED Flickering Rate	Ultra low (5% or less)
Housing colour	Grey
IP rating	IP66
IK rating	IK08
Product EAN number	5410288500829

DATA TABLE

General data

Product name	Zephyr Large 5500LM 4K CLI Grey Photocell
Technology	LED
Housing	Aluminium
General application	Education, Hospitality, Logistics & Industry, Office, Retail
Operating temperature range (°C)	-30°C...+50°C
Performance ambient temperature Tq (°C)	25

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Warranty	5 years

Optical data

Fixture luminous flux (lm)	5500
Luminaire efficacy (lm/W)	120
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	46
Mains voltage (V)	100-240V
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	15
Electrical protection	Class I
No. Of switching cycles before premature failures	>25000
Dimmable	No
Dimming method	N/A
Drive current (mA)	900
Inrush Current (A)	3
Inrush Duration (µs)	500
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	21
Max. Luminaires per 13A C Breaker	27
Max. Luminaires per 16A C Breaker	33
Max. Luminaires per 20A C Breaker	41
Max. Luminaires per 10A B Breaker	11
Max. Luminaires per 13A B Breaker	14
Max. Luminaires per 16A B Breaker	17
Max. Luminaires per 20A B Breaker	21

Lifetime data

Lifespan L70 B50	90000
Lifespan L80 B20	90000
Lifespan L90 B20	90000
Lifespan L90 B10	63000

Physical data

Housing colour	Grey
IP rating	IP66
IK rating	IK08

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Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	484
Nominal Product Width (mm)	209
Nominal Product Height (mm)	98
Weight (kg)	2.88

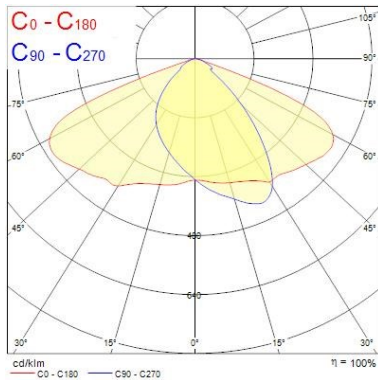
Packaging

Single packaging type	Carton
Product EAN number	5410288500829
Packaging single length / height (cm)	51.7
Packaging single width (cm)	24.7
Packaging single depth (cm)	14.5
DUN14 (outer)	05410288500829
Units per outer package	1
Packaging outer length / height (cm)	51.7
Packaging outer width (cm)	24.7
Packaging outer depth (cm)	14.5

Safety data

Optimal operating condition (°C)	-30-50
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PHOTOMETRY



TECHNICAL DRAWINGS

