

## 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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### Optical data

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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

## Zephyr - Large

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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

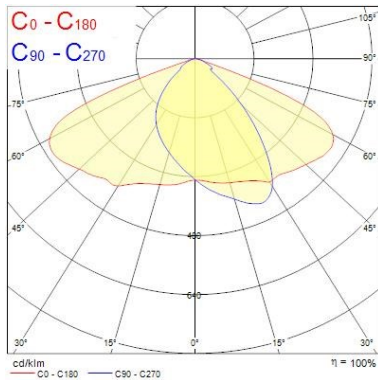
### Packaging

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

