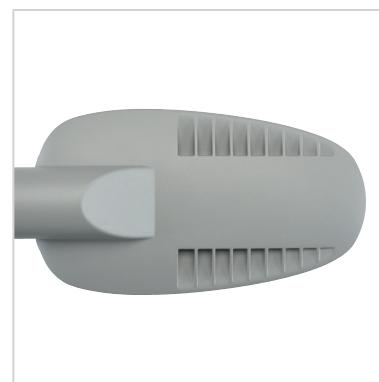
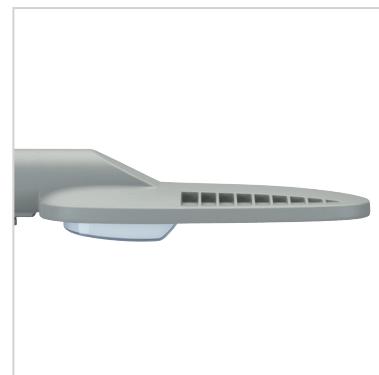


# ZEPHYR



## High Quality. Built to Last.

ZEPHYR delivers dependable performance for demanding industrial environments.

Featuring a high-quality die-cast aluminium housing, ZEPHYR is engineered for durability, with IK09 impact resistance and IP66 ingress protection. This robust construction makes it ideal for industrial and commercial applications, including walkways, security and perimeter lighting.

With a Type I optic, ZEPHYR enables spacings of 12 metres while achieving average illuminance levels above 40 lux, ensuring efficient, uniform light distribution.

IP 66

IK 09

INDUSTRIAL  
HALLS &  
WAREHOUSES

## MAIN APPLICATIONS

- Industrial Halls & Warehouses
- Walkways
- Security Lighting
- Public Spaces

## KEY ADVANTAGES

- Energy efficient
- High grade UV resistant Polycarbonate lens design for durability and efficiency
- Type I optics to ensure efficient illumination of walkways and pathways
- Corrosion resistant powdercoated high pressure diecast aluminium for superior corrosion resistance
- IK09 High Impact Polycarbonate Visor
- IP66 Optical and gear chamber
- Stainless Steel fasteners
- Mounting on Ø48mm side entry spigot
- Supplied with 4m flying lead
- Suitable for high ambient temperatures of up to 50°C
- Wide operation voltage range of 100-277V AC 50/60Hz
- 10kV surge protector for additional protection from supply transients and surges
- Low dust accumulation design



IK09 low profile dark sky compliant visor



High grade pmma lens designed for durability and efficacy



High pressure diecast aluminium body with corrosion resistant powdercoat finish



IP66 gear and lens enclosure

**GENERAL INFORMATION**

|                                 |   |
|---------------------------------|---|
| Recommended installation height | 2.4m to 6m   8' to 20'                  |
| Driver included                 | Yes                                     |
| RCM Mark                        | Yes                                     |
| ROHS compliant                  | Yes                                     |
| Testing standard                | AS/NZS 60598.1<br>AS/NZS 60598.2.1:2014 |

**ELECTRICAL INFORMATION**

|                                     |                                 |
|-------------------------------------|---------------------------------|
| Electrical class                    | Class I                         |
| Nominal voltage                     | 100-240V - 50/60 Hz             |
| Power factor (at full load)         | 0.95                            |
| Surge protection (kV)               | 10kV                            |
| Electromagnetic compatibility (EMC) | AS/NZS CISPR 15,<br>EN61000-4-5 |

**OPTICAL INFORMATION**

|                              |                |
|------------------------------|----------------|
| LED colour temperature       | 4000K standard |
| Colour rendering index (CRI) | > 70           |

**OPERATING CONDITIONS**

|                                       |                 |
|---------------------------------------|-----------------|
| Temperature range from operation (Ta) | -20°C to + 50°C |
|---------------------------------------|-----------------|

**LIFETIME OF THE LEDS @ TA 40°C**

|                    |               |
|--------------------|---------------|
| All configurations | 50,000h - L70 |
|--------------------|---------------|

**HOUSING AND FINISH**

|                    |  |
|--------------------|--|
| Housing            | Pressure diecast low copper content aluminium      |
| Optic              | Type I PMMA Lens                                   |
| Protector          | High Impact UV Stabilised PC visor                 |
| Housing finish     | UV resistant polyester powdercoat                  |
| Standard colour(s) | Grey RAL9022                                       |
| Tightness level    | IP66   |
| Impact resistance  | IK09   |
| Vibration test     | Compliant with modified IEC 68-2-6 standard (0.5G) |

**PERFORMANCE**

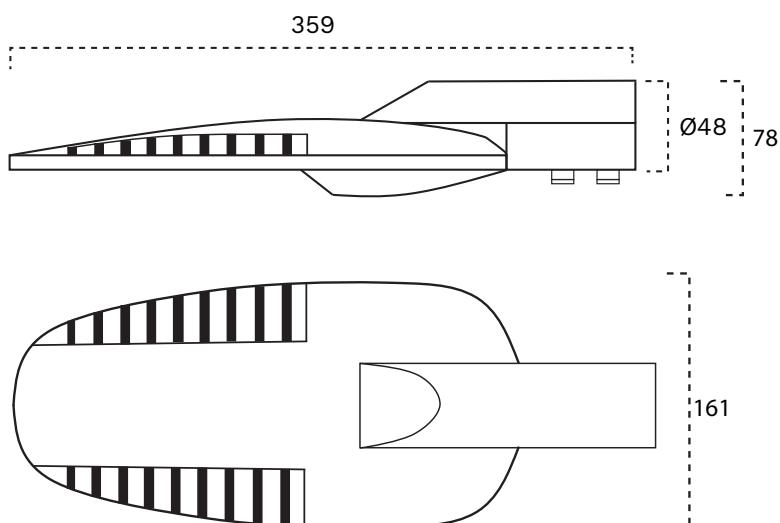
|                |         |
|----------------|---------|
| Lumen efficacy | 120lm/W |
|----------------|---------|

## DIMENSIONS AND MOUNTING : SINGLE MODULE

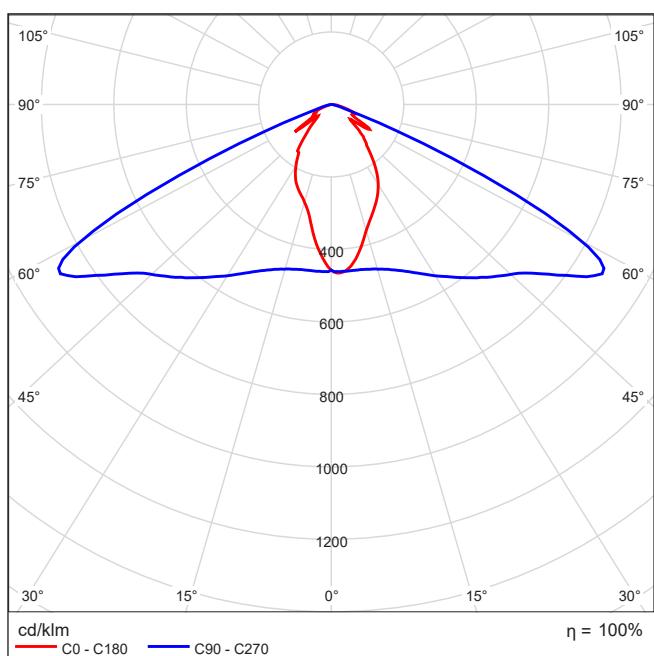
L x W x H (mm) 359 x 161 x 78

Weight (kg) 2

Mounting possibilities Side-entry, Ø48mm spigot



## LIGHT DISTRIBUTIONS





| Product Code | Name                             | Photometric Distribution | Lumen Output | System Power (W) |
|--------------|----------------------------------|--------------------------|--------------|------------------|
| 0050077AU    | Zephyr SML 3600lm 4K 4M CLI Grey | Type I                   | 3600lm       | 30W              |