

AXIA 3 EVO SE



The ultimate lightweight yet performant lighting solution for city streets

Discover AXIA 3 EVO SE, the newest addition to the AXIA 3 EVO family. This street luminaire follows the philosophy of the range by offering a lightweight, cost-effective outdoor lighting solution for cities' functional lighting needs.

Without compromising on performance, AXIA 3 EVO SE features a user-friendly, compact design with an effortless lateral fixation system that makes it easy to use yet highly efficient.

Fitted with the latest photometric technologies, this luminaire provides safe lighting and creates a sense of comfort and wellbeing across your city streets, while significantly reducing energy consumption.

AXIA 3 EVO SE stands out as the perfect choice for anyone seeking a compact yet energy-efficient street lighting solution.

IP 66

IK 08



URBAN &
RESIDENTIAL
STREETS



BRIDGES



BIKE &
PEDESTRIAN
PATHS



RAILWAY
STATIONS &
METROS



CAR PARKS



SQUARES &
PEDESTRIAN
AREAS

Concept

The AXIA 3 EVO SE is a lightweight luminaire designed to improve lighting levels in a compact, user-friendly solution. The luminaire body housing the LEDs and electrical components is composed of high-pressure die-cast aluminium, while the cover is made of UV resistant polypropylene.

Thanks to its reduced weight and user-friendly side-entry fixing, this road luminaire is easy to handle during installation. Its high tightness and impact resistance levels make it the ideal partner for your city life.

AXIA 3 EVO SE is equipped with ProFlex™ photometric engines, providing the highest efficiency thanks to their ability to maximise lumen output and provide large light distribution.

AXIA 3 EVO SE features side-entry mounting on Ø42-60mm spigots.

The inclination angle can be adjusted on site from -15° to +5° in 5-degree increments to optimise the light distribution.

It can be opened by releasing 4 screws on the body frame, making it easy to maintain and service. A safety cable prevents the cover from any risk of falling during maintenance.

Looking to enhance your city street lighting while making significant savings? Discover AXIA 3 EVO SE, the perfect user-friendly solution for improving street lighting while reducing energy costs.



AXIA 3 EVO SE is the ideal solution for those seeking convenience without sacrificing quality.



Fitted with the ProFlex™ LED engine, AXIA 3 EVO SE offers high efficiency with various light distributions to meet the specific requirements of your town and city streets.

TYPES OF APPLICATION

- URBAN & RESIDENTIAL STREETS
- BRIDGES
- BIKE & PEDESTRIAN PATHS
- RAILWAY STATIONS & METROS
- CAR PARKS
- SQUARES & PEDESTRIAN AREAS

KEY ADVANTAGES

- Maximised savings in energy and maintenance costs
- ProFlex™ photometric engines offering high efficiency lighting, comfort and safety
- Adjustable inclination for optimised photometry and uniformity
- Compact, lightweight and easy to install



AXIA 3 EVO SE features easy side-entry mounting on Ø42-60mm spigots.



Its high tightness and impact resistance levels make AXIA 3 EVO SE the ideal partner for your street lighting projects.



ProFlex™

The ProFlex™ photometric engine integrates the lenses into a polycarbonate protector. This integration increases the output and reduces the reflection inside the optical unit. The polycarbonate used for the ProFlex™ photometric engine offers essential characteristics such as high optical clarity for a superior light transmission, better impact resistance compared to glass and a long life span with UV-stabilisation treatment. The ProFlex™ concept enables a compact design with a thin optical compartment. It provides extensive light distributions so that the spacing between the luminaires can be increased.



| GENERAL INFORMATION | |
|---------------------------------|---|
| Recommended installation height | 4m to 12m 13' to 39' |
| Circle Light label | Score between 60 and 90 - The product meets most of circular economy requirements |
| Driver included | Yes |
| CE mark | Yes |
| Testing standard | EN 60598-1 EN 60598-2-1 |

| HOUSING AND FINISH | |
|------------------------|---|
| Housing | Aluminium Polypropylene |
| Optic | Polycarbonate |
| Protector | Polycarbonate (with integrated lenses) |
| Housing finish | Polyester powder coating |
| Standard colour(s) | RAL 7040 window grey |
| Tightness level | IP 66 |
| Impact resistance | IK 08 |
| Vibration test | Compliant with modified IEC 68-2-6 (0.5G) |
| Access for maintenance | By loosening screws on the optical block |

| OPERATING CONDITIONS | |
|----------------------------------|--|
| Operating temperature range (Ta) | -30°C up to +55°C / -22°F up to 131°F with wind effect |

· Depending on the luminaire configuration. For more details, please contact us.

| ELECTRICAL INFORMATION | |
|-------------------------------------|---|
| Electrical class | I, II |
| Nominal voltage | 220-240V – 50-60Hz |
| Surge protection options (kV) | 10 |
| Electromagnetic compatibility (EMC) | EN 55015 / EN 61000-3-2 / EN 61000-3-3 / EN 61547 |

| OPTICAL INFORMATION | |
|------------------------------|----------------|
| LED colour temperature | 2700K (WW 727) |
| | 3000K (WW 730) |
| | 4000K (NW 740) |
| Colour rendering index (CRI) | >70 (WW 727) |
| | >70 (WW 730) |
| | >70 (NW 740) |
| ULOR | 0% |
| ULR | 0% |

· ULOR may be different according to the configuration. Please consult us.
· ULR may be different according to the configuration. Please consult us.

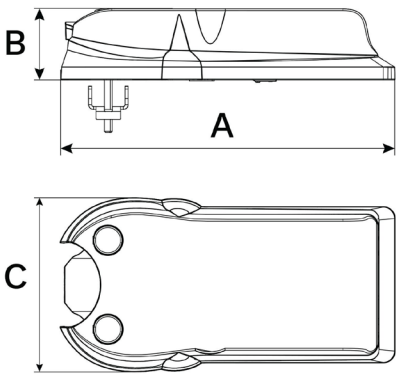
| LIFETIME OF THE LEDS @ TQ 25°C | |
|--------------------------------|----------------------------------|
| All configurations | 100,000h - L95 (high-power LEDs) |

· Lifetime may be different according to the size/configurations. Please consult us.

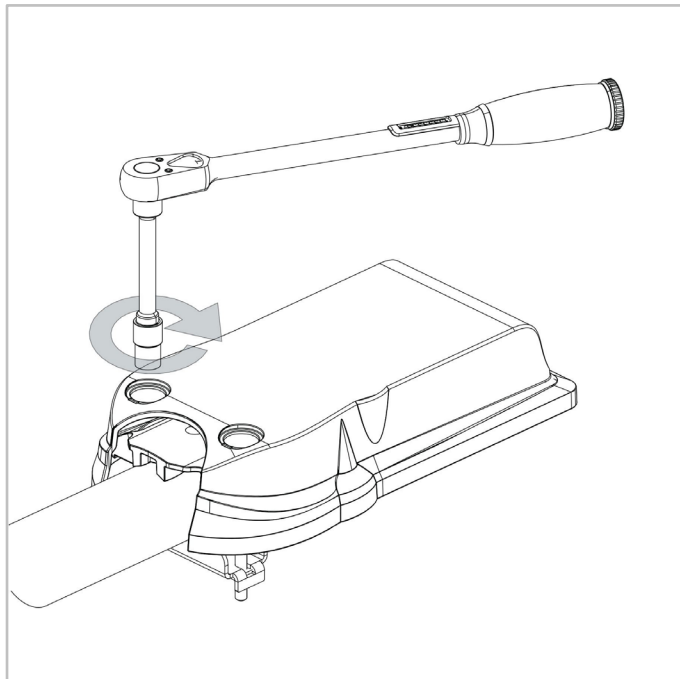
DIMENSIONS AND MOUNTING

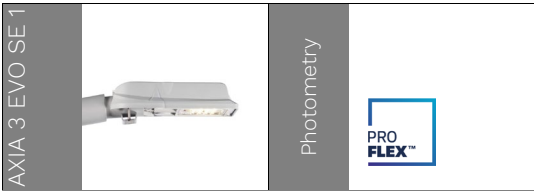
| | |
|------------------------------|--|
| AxBxC (mm inch) | 339x72x176 13.3x2.8x6.9 |
| Weight (kg lbs) | 2.2-3.2 4.8-7.0 |
| Aerodynamic resistance (CxS) | 0.03 |
| Mounting possibilities | Side-entry slip-over – Ø42mm Side-entry slip-over – Ø48mm Side-entry slip-over – Ø60mm |

· For more information about mounting possibilities, please consult the installation sheet.



AXIA 3 EVO SE | Side-entry mounting for Ø42-60mm spigots





| Luminaire output flux (lm) | | | | | | | Power consumption (W) | | Luminaire efficacy (lm/W) |
|----------------------------|------|----------------|------|-------------------|------|------|-----------------------|-----|---------------------------|
| Warm White 727 | | Warm White 730 | | Neutral White 740 | | | | | |
| Number of LEDs | Min | Max | Min | Max | Min | Max | Min | Max | Up to |
| 8 | 600 | 2800 | 600 | 2800 | 700 | 3300 | 7 | 27 | 151 |
| 14 | 3500 | 3700 | 3600 | 3800 | 4200 | 4400 | 33 | 33 | 135 |
| 16 | 1300 | 5600 | 1300 | 5700 | 1500 | 6600 | 12 | 51 | 159 |

Tolerance on LED flux is ± 7% and on total luminaire power ± 5 %

