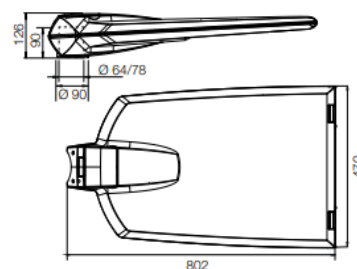


SMART (options)

| | |
|----------------------|---|
| Smart-ready® (Zd4i) | ✓ |
| Dimming | ✓ |
| Detection | ✓ |
| Moonlight technology | ✓ |
| Tunable white | ✓ |
| WIZARD telegestion | ✓ |

Details of the options and performance of each luminaire can be found in the ECLATEC LED solutions overview, which can be downloaded from our website: www.eclatec.com

HARD WIRED



DESCRIPTION

| | |
|------------------------|---|
| Product | ZELDA X3 |
| Housing | Housing, cover and sleeve in die-cast aluminum |
| Bowl | Thermally tempered and screen printed glass |
| Mechanical impact | IK 10 |
| Ingress protection | IP 66 sealing level in accordance with EN 60 529 |
| | Extruded silicone gasket |
| | Breathing system with activated carbon filter |
| | Cable gland |
| Dimensions (diam. x h) | 802 x 470 x 126 mm |
| Weight | 13 kg |
| Windage area | 0,08 m² |
| Electrical class | I or II |
| Ambient temperature | - 40°C to + 55°C |
| Pre-wiring | Pre-wired |
| Material assessment | Available in the PEP Product Environmental Profile sheets |

LED SOURCES

| | |
|--|---|
| Sources | Bls strips (80 to 120 LED) |
| Colour temperature (K) | Ambre/"1800 K" (U500=1%), 2200 K (U500=6%), 2700 K (U500=10%), 3000 K (U500=11%), 4000 K (U500=17%) (others upon request) |
| CRI | > 70 (others upon request) |
| Luminaire SDCM | <4 |
| LED lifespan | L90 > 100 000 h |
| Optics and light distribution options* | 3 symmetrical lenses (ECL, ECA, ECB) |
| | 7 asymmetrical lenses (ERE, ERS, ERL, LRS, LRL, LRM, ETS) |
| | 6 floodlight lenses (PFI, PFM, PFL, PFA, PSa, PAa) |
| | 2 crossing lenses (EPG, EPD) |
| Photobiology | 2 types of backlight shield (option) |
| | RG1 (3000 K) |

* Non exhaustive list

MAXIMUM PERFORMANCES

MECHANICAL INTERFACES

Top and side entry with adjustable tilt angles. Entries Ø 60 mm, Ø 49 mm / Top Ø 76 mm. Tilt angle Top: 0°; +5°; +10°; +15°; +20° / Side 0°; -5°; -10°; -15°; -20°. Locking using 2 pressure screws

MAINTENANCE

| | |
|-------------|--|
| Maintenance | Device and sources opened and replaced without tools |
|-------------|--|

| | ZELDA X3 - 6BLS8 + 6BLS12 (120 LED) | | |
|----------------|-------------------------------------|--------------------------|-------------------|
| | Flux ^(A) at 700 mA (lm) | Power ^(B) (W) | Efficiency (lm/W) |
| 4000 K | 39917 | 208 | 192 |
| 3000 K | 38808 | 208 | 187 |
| 2700 K | 35482 | 208 | 171 |
| 2200 K | 32155 | 208 | 155 |
| Ambre/"1800 K" | 26611 | 208 | 128 |

(A) Luminaire output flux at commissioning (including thermal and optical outputs relative to the source fluxes) for a given distribution and ambient temperature of 25°C in accordance with the IEC 62717 and IEC 62722 performance standards (B) Total power consumed by the luminaire including all electrical equipment, including the power supply in accordance with the IEC 62717 and IEC 62722 performance standards




B
Y
H
L

| | |
|--------------|---|
| Power | 220 V / 240 V - 50 Hz / 60 Hz / integrated 10 kV overvoltage protection |
| Brand | PHILIPS Xitanium Full Prog ou INVENTRONICS OSRAM 4 DIM - Version D4i: SR, DEXAL ou TRIDONIC PRE |
| Power factor | 90% minimum |
| THD | 15% maximum |
| Current | Constant supply current adjustable up to 700mA* (in 1mA steps, within the nominal current range specified in the power supply data sheet) |
| Lifespan | 10% failure at 100 000 hours |
| Control | DALI or 1-10V |

* I>700mA on request

STANDARD / MARKING / CERTIFICATIONS

| | |
|---------------------------|---|
| Compliance | CE, marking requirements : Directive 2014/35/EU, Low voltage Directive Directive 2014/130/EU Electromagnetic Compatibility Directive 2011/65/EU (RoHS) Directive 2009/125/EC Ecodesign requirements French decree 'Limitation of light pollution' December 27, 2018 |
| | Eligibility for Energy-saving certificates C.E.E, RES-EC-103, RES-EC 104 sheets |
| | NF EN 13201 In accordance with the lighting calculations issued |
| | REACH Products conformity regularoty management of chemicals |
| WEEE | (Waste Electrical and Electronic Equipment) Manufacturer involvement |
| RECYCLUM | ECLATEC, adhering member |
| ENEC/ENEC+ | Certifié ENEC |
| DarkSky compliancy |  Certified by DarkSky.org |

WARRANTY

See our general sales conditions on our website