ZELDA

Luminaire design: Eclatec

Réalité Augmentée

The **ZELDA** luminaire is part of the LED technology adventure; it even constitutes a successful outcome in terms of simplicity, efficiency and performance.

Its integrated ball (Easylink ®) ensures rapid and elegant adaptation to top or lateral mounting. The upper cover, removable and interchangeable, accepts all LED sources and control equipment.
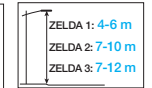
ZELDA is available in three sizes and two finishes (S, essential and X, excellence). The S level meets the demand for a maintenance-free fixture whereas the X version allows easy maintenance without tools.

ZELDA, when art walks hand-in-hand with technological progress.

INTEGRATED BLS STRIPS

Zelda top

Zelda on Kca

ECLATEC

ZELDA 1 - S version

ZELDA 2 - X version

ZELDA 3 - X version

APPLICATIONS

- Mounting: top and side entry
- Zelda 1: Pedestrian areas, cycle paths, residential areas, street lighting
  Zelda 2 and 3: Roads, secondary urban and inter-urban streets
- Recommended heights: Zelda 1: 4 to 6 m / Zelda 2: 7 to 10 m / Zelda 3: 7 to 12 m

DESCRIPTION

- Luminaire available in 3 sizes: Zelda 1, Zelda 2 and Zelda 3
- Zelda available in 3 levels:
  - 1E: Unique version for standard use
  - 2EA: Fixed settings for night dimming
  - 2EB: Fixed current setting at 700 mA, without options
  - 3E: Most efficient and customizable version Injected die cast aluminium
- Bottom and canopy X Version: with opening paddle; S version: screw closure
- Body, cover, sleeve and paddle (X version) in die-cast aluminium
- Bowl in thermally tempered and screen printed glass
- Polyester powder coating, any colour available
- IP 66
- IK 10
- Class I or II
- Standard BLS LED strips equipped with **QUADRALENS** lenses
- Colour temperatures: 2400 K, 2700 K, 3000 K or 4000 K

CITIZEN REFERENCE POINTS

- Materials used:
  - ZELDA 1: Aluminium 69%, Glass 9%, Steel 5%, Plastic 1%, Other 16%
  - ZELDA 2: Aluminium 66%, Glass 11%, Steel 4%, Plastic 2%, Other 17%
  - ZELDA 3: Aluminium 67%, Glass 12%, Steel 2%, Plastic 1%, Other 18%

- Complies with the RoHS directive
- High recyclability rate

WATERPROOFING

- IP 66 waterproofing in accordance with the standard EN 60 529
- Extruded silicone seal
- Cable gland
- Breathing system with activated carbon filter
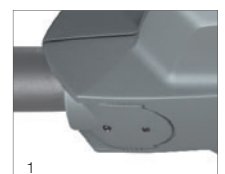
MECHANICAL INTERFACES

- Top rotating arm built into the luminaire
  - Top or Side Ø 60 mm, Ø 49 mm
  - Top Ø 76 mm

  Tilts
  - TOP: 0°; +5°; +10°;+15°; +20°
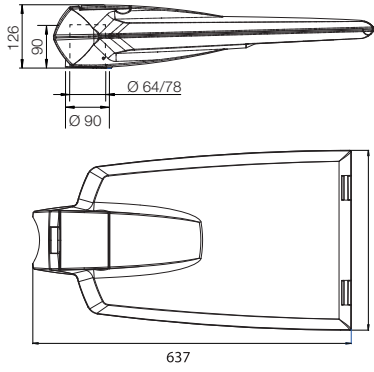 - SIDE 0°; -5°; -10°;-15°; -20°
- Locking using 2 pressure screws {1}

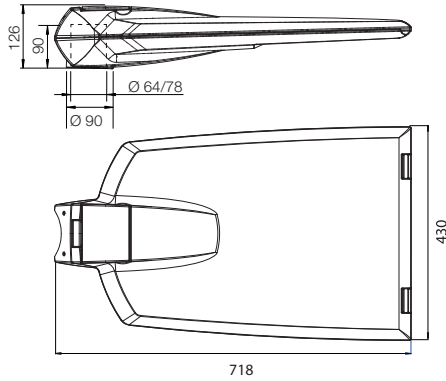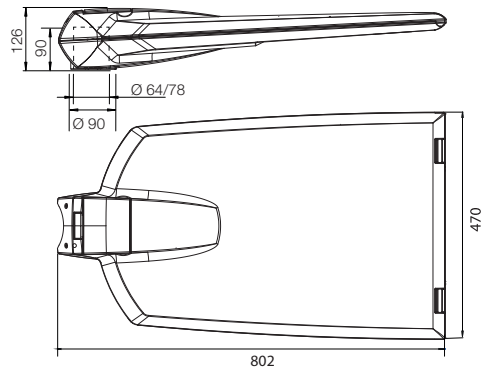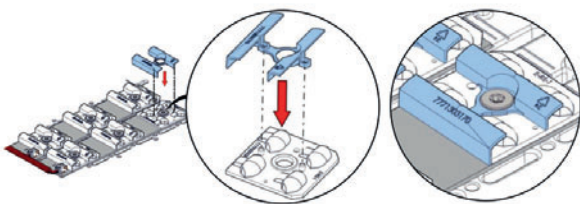Sleeve in Top position   Sleeve in Lateral position

126
90
Ø 64/78
Ø 90
360
637

ZELDA 1

126
90
Ø 64/78
Ø 90
430
718

ZELDA 2

126
90
Ø 64/78
Ø 90
470
802

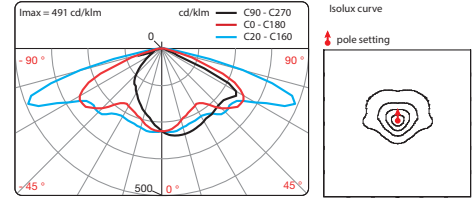*ZELDA 3*

BACKLIGHT SHIELD

Backlight shield BLS version

ZELDA - ERL

Imax = 491 cd/klm | cd/klm | C90 - C270 / C0 - C180 / C20 - C160 | Isolux curve | pole setting
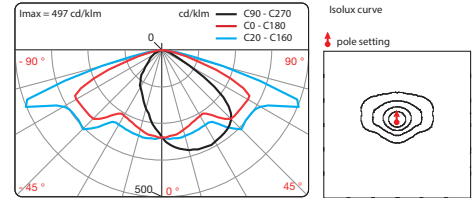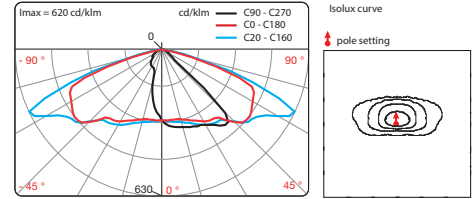
ZELDA - ERS

Imax = 904 cd/klm | cd/klm | C90 - C270 / C0 - C180 / C10 - C170 | Isolux curve | pole setting

ZELDA - LRL

Imax = 497 cd/klm | cd/klm | C90 - C270 / C0 - C180 / C20 - C160 | Isolux curve | pole setting

ZELDA - LRS

Imax = 620 cd/klm | cd/klm | C90 - C270 / C0 - C180 / C20 - C160 | Isolux curve | pole setting
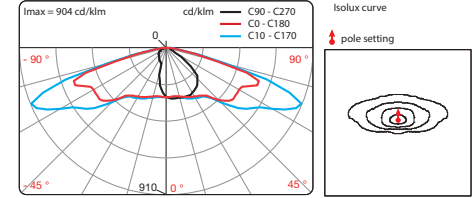
MAINTENANCE (version X*)

Opening and closing

The upper part of the luminaire cover can be opened without tools using the flap {1} Cutting of the power supply when the luminaire is opened by a dedicated ECLATEC connector {2}

Source maintenance

Replacement without tools onsite of the luminaire cover: equipment circuit board (attached with 3 screws) and LED sources {3}

*Version S: Opening of the cover after unscrewing 2 screws {4}

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