



# BUZZ

Luminaire design: Eclatec

**BUZZ** is the new language of lighting.

Exclusively accepting LED sources and thus making the most of modern technologies. Its shape communicates both a discrete modern simplicity.

When night falls, its efficiency is fully expressed, strong with the successful combination of current concerns (energy economy, nuisance reduction, including rear lighting).

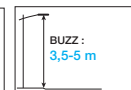
**BUZZ**, a luminaire that gets talked about...

**BUZZ** is equipped with ZEDLED C modules (multiple colour temperatures, multiple distributions).



ZEDLED C MODULE





BUZZ clear bowl



BUZZ structured bowl



## APPLICATIONS

- Mounting: top
- Car parks, parks and gardens, pedestrian paths, cycle paths.
- Recommended heights: 3,5 to 5 m

## DESCRIPTION

- Buzz ZEDLED C1 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
- Clear (standard) or grey (option) frame, in polycarbonate
- Two polycarbonate bowls: deep clear, deep structured
- Polycarbonate grey structural support stem
- Polyester powder coating 2150 sanded grey, RAL and other colours on the base and canopy are optional
- IP 66
- IK 10
- Class I or II
- Luminaire pre-wired in the factory (6 m)
- ZEDLED C module with ORALENS
- Colour temperature: 4000 K and 3000 K

## CITIZEN REFERENCE POINTS

- Materials used: Plastic 51%, Aluminium 37%, Steel 10%, Other 2%
- Complies with the RoHS directive
- High recyclability rate

## WATERPROOFING

- IP 66 waterproofing in accordance with the standard EN 60 529
- Extruded silicone gasket on the base, canopy and lower part
- Cable gland with anchoring device
- Breathing system with activated carbon filter

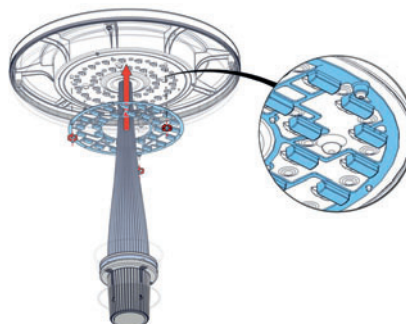
## MECHANICAL INTERFACES



- Post-top fastening on pole  $\varnothing$  60/62 mm, with 4 screws
- For pole  $\varnothing$  76 mm top, optional spigot C (see page 278)

## BACKLIGHT SHIELD OPTION

- Backlight shield



		BUZZ		
		1E ★	2E <sup>A/B</sup> ★★	3E ★★★
Applications		Carparks, parks and gardens, pedestrian paths, cycle paths.		
Recommended heights		3,5 to 5 m		
Mounting		Post-top fastening on pole Ø 60/62 mm and Ø 76 mm with optional spigot.		
Dimensions	Ø height	481 mm 639 mm		
Weight		8 kg		
Windage area		0,15 m <sup>2</sup>		
Colour (RAL to be chosen)		RAL 7035	●	●
Specific LED sources	LED Module	ZEDLED C0 / C1	ZEDLED C0 / C1	ZEDLED C0 / C1 / C2
	Very high Efficiency LED	● ZEDLED C0	●	●
	High Efficiency LED	● ZEDLED C1	-	-
Sources access		Removable ZEDLED C module		
Colour temperature	3000 K	●	●	●
	4000 K	●	●	●
Optics and light distribution options		ORALENS		
		ERS, ERL	ERS, ERL, LRM, ECL	
Power supply current (mA)		700 mA	A: ANF* B: 700 mA	100 à 700 mA
OPTIONS	Backlight shield <sup>(1)</sup> (factory or site assembly)	○	○	○
	SMART-READY <sup>(2)</sup> by Eclatec (construction)	-	-	○
	DALI (construction)	-	-	○
	Dimming 5 (preset)	-	-	○
	CLO (preset)	-	-	○
	Motion COM (setting on site)	-	-	○
	Motion P (set in the bottom of the pole)	-	-	○
POLEDRIVE (set in the bottom of the pole)	-	-	○	
Driver protection	10 kV	-	-	●
	8 kV	-	●	-
	4 kV	●	-	-
Class	Class I	-	●	●
	Class II	●	●	●
Pre-wired		●	●	●
Mechanical interfaces	Top covering Ø 60/62 mm	●	●	●
	Top penetrating Ø 76 mm	-	○	○

\* ANF: Unique program for driver, Fixed Night Dimming: 23 h – 5 h at 350 mA and 700 mA for the remaining time

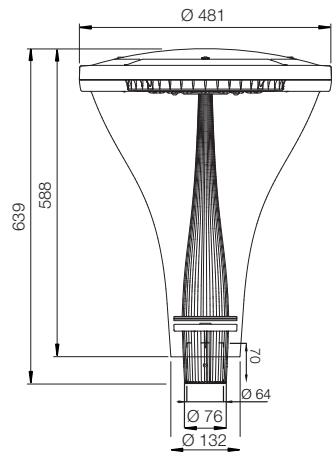
(1) Backlight shield except for EPD, EPG, ECa

(2) Preconfigured communicating system: Wired Sensor Ready type driver and Zhaga consortium base

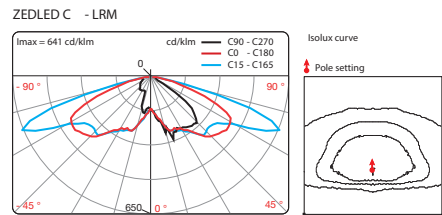
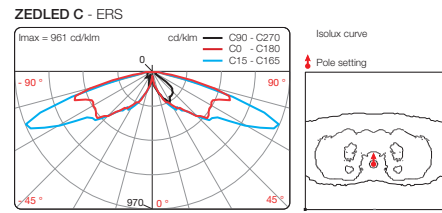
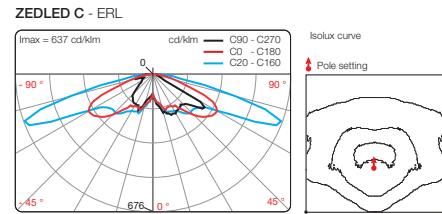
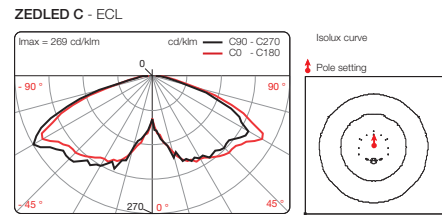
Glossary:

● Standard ○ Option - Not available

**E/L/P:** Lighting/Luminance/Projection, **R/C/T/F/P:** Road/Circulation/Path/Beam/Pedestrian walkway, **E/S/L/A/D/G:** Narrow/Standard/Wide/Asymmetric/Right/Left, **POLEDRIVE:** preset at the bottom of the pole / night dimming calculator with 2 configurable thresholds, set in the bottom of the pole. **Dimming 5:** night dimming calculator with 5 configurable thresholds, **Motion:** moving sensor, **Motion P:** Configurable offset presence detector at the foot of the pole, **Motion DALI:** Detector integrated to the luminaire, adjustable at pole base, **Motion 5:** Motion sensor and dimming calculator, **Motion COM:** Wireless detection and communication, **DALI:** compatible with the DALI protocol, **CLO:** Constant Lumen Output option



PHOTOMETRIC DISTRIBUTIONS



MAINTENANCE

Maintenance of the equipment and sources

Removal of the cover with 4 trapped screws.

The ZEDLED C module can be exchanged after quick disconnection of the power supply.



*LED Luminaires*

Modern Streetfurniture

Waste bins

**Bollards Light**

**tree grill**

Bollards

Classic poles cast iron

Steel poles

MODERN POLES CAST IRON

Defence bollards

Drinkwater fountain

**SEATING**

TRAMWAY POLES

Modern LED luminaires

Classic luminaires

Classic street furniture

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