



PERLE

Luminaire design: Cécile Planchais

PERLE tells the story of a luminaire that brings personality and consistency to decorative lighting columns, in classical, Art Deco and even contemporary versions.

By day, the thousand facets of its dome play with the light in the same way as an instrument might interpret sheet music.

PERLE can be suspended or top-mounted thanks to a stylish STIRRUP (U-bracket). Bowls of various forms push personalisation even further, suggesting almost magical lighting moods by night.

Of course, **PERLE** does not overlook the modern aspect of highly contemporary technical solutions (its LED version takes an ORALED 1 type module).



PERLE MODULE



Perle on Saint-Germain II bracket





PERLE



APPLICATIONS

- Mounting: U-bracket or suspended
- Recommended heights: 4,5 to 7 m
- Urban streets, pedestrians, cycle paths, squares

DESCRIPTION

- Injected die cast aluminium corps, dome, bracket
- Polycarbonate conical clear bowl (PTC) (only with bracket)
- Polycarbonate short clear bowl (PCC) (only suspended without bracket)
- Polyester powder coating, any colour available
- IP 66
- IK 08
- Class I or II
- **Perle module (ORALED 1 type)** with **ORALENS** lenses, module painted 2150 or 2900 sanded grey
- Colour temperature: 4000 K and 3000 K

CITIZEN REFERENCE POINTS

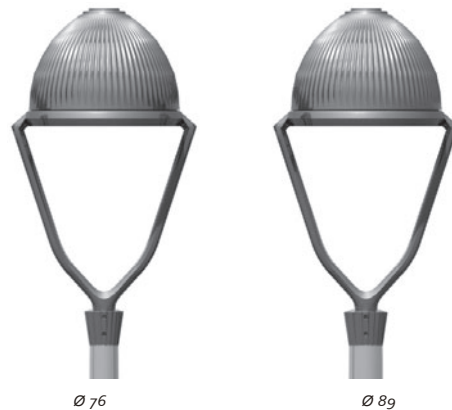
- Materials used: Aluminium 87%, Steel 5%, Other 5%, Plastic 3%
- Complies with the RoHS directive
- High recyclability rate

WATERPROOFING

- IP 66 waterproofing in accordance with the standard EN 60 529
- Extruded silicone gasket
- Breathing system with activated carbon filter

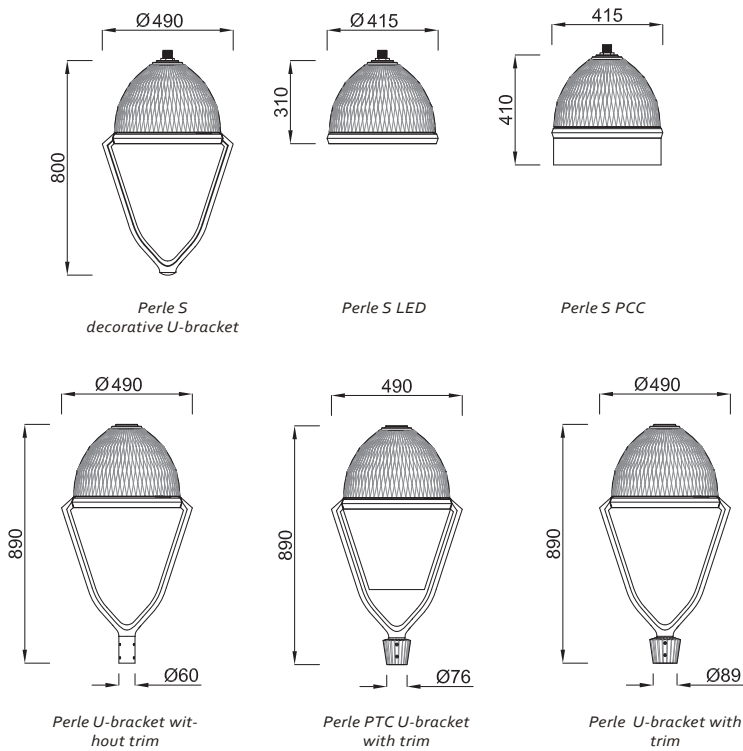
MECHANICAL INTERFACES

- Top-mounted U-bracket: fastening \varnothing 42 mm, L 70 mm (see page 278 - L)
- Suspended: swivel joint and \varnothing 34pdg (G1") thread for female boss - Length 35 mm (see page 278 - I)
- Options: trims \varnothing 76 and \varnothing 89 mm and Catelux fixation

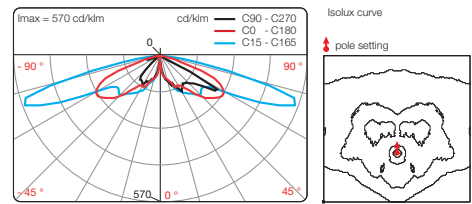


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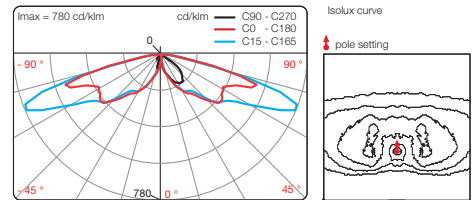
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PERLE ORALED 1 ERL



PERLE ORALED 1 ERS



KEY POINTS

		PERLE
Applications		Urban streets, pedestrians, cycle paths, squares
Recommended heights		4,5 to 7 m
Mounting		U-bracket and suspended
Dimensions	Ø height	Perle: 415 mm / Perle U-bracket: 490 mm Perle: 310 mm / Perle U-bracket: 890 mm
Weight		Perle: 8,8 Kg Perle U-bracket: 17,5 kg Perle Post top: 18,5 kg
Windage area		Perle: 0,07 m ² Perle Lyre: 0,11 m ²
Sources		Perle module (ORALED 1 type)
Optics and light distribution options		ECL, ERS, ERL, LRM
OPTIONS	Backlight shield⁽¹⁾ (factory or site assembly)	○
	DALI (construction)	○
	Dimming 5 (preset)	○
	CLO (preset)	Compatible with standard version, Dimming 5, Motion 5 or DALI option
	Motion 5 (preset)	○
	Motion (setting on site)	○
	Motion COM (setting on site)	○
	Motion P (set in the bottom of the pole)	○
POLEDRIVE (set in the bottom of the pole)	○	

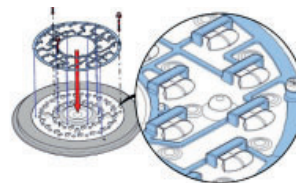
(1) Backlight shield optional except for EPD, EPG, ECa

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

BACKLIGHT SHIELD

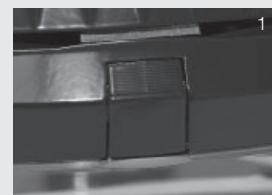


Backlight shield ORALED version

MAINTENANCE

Opening and closing

Opening of the luminaire by push button. {1}
The luminaire is held in the open position by a safety prop. {2}
Direct access to the equipment dès l'ouverture du luminaire.





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