



BOLLARDS

LIGHTING & LIT

Bollards design: Eclatec, Jean-Baptiste DUTHILLEUL,
Françoise PERSOUYRE, Jean-Michel WILMOTTE

Eight models of LED bollards now appear in the catalogue, including five recently added to reinforce the ECLATEC offering; these five latest models meet PMR* standards (source allowing average lighting greater than 20 Lux, depending on the installation):

- TREK: its geometry allows removing the head of the bollard to the outside of the path.
- TAÏGA: this bollard reuses the minimalist aesthetic principles of the poles in the TAÏGA range.
- TEAM: with its cylindrical form, TEAM has a less sectorised distribution.
- ZESTO: A variant of the ZESTO luminaire, this PMR bollard accepts the module common to TAÏGA and TREK.
- PIXEL: Offers the elegance of the PIXEL line and uses the same exclusive pattern.
- FLORE: This bollard is part of the FLORE line, using its plant-inspired patterns and references
- URBINO: Its elegance is shared across the entire URBINO furniture and lighting line.

* Dedicated LED module for accessibility of disabled persons (PMR)



Zesto Bollard



Trek Bollard



Pixel Bollard



Team Bollard



Taiga Bollard



Cadix Bollard



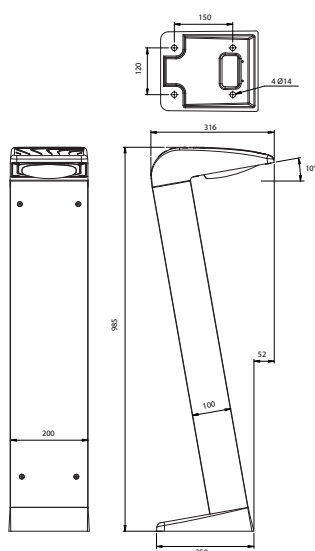
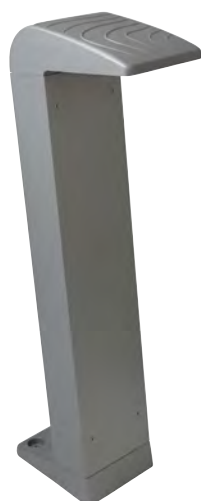
Flore Bollard



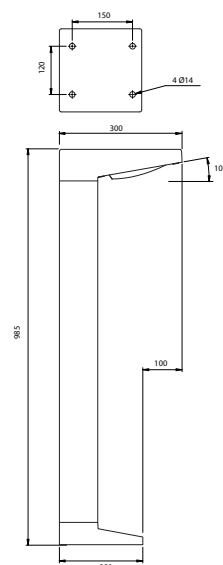
Urbino Bollard



TREK



TAIGA



DESCRIPTION: TREK / TAIGA

- Lighting head and module in die-cast aluminium
- Aluminium profile 200 x 100mm tube
- Polycarbonate bowl
- Polyester powder coating, any colour available
- IP66 Module
- IK10
- Glass I or II
- Weight: 23 kg
- ORALENS Mono lenses, EAH distribution
- BLS strip
- Colour temperatures: 4000 K and 3000K
- Total power consumption: 19 W

CITIZEN REFERENCE POINTS: TREK / TAIGA

- Materials used: Steel 56%, Aluminium 39%, Plastic 2%, Other 3%
- Complies with the RoHS directive
- ULR<1%
- High recyclability rate

INSTALLATION: TREK / TAIGA

- Cast iron base
- Internal fixing using 4 anchor rods, Ø 12 mm

MAINTENANCE: TREK / TAIGA

- Removable lighting head
- Access to the equipment after removal of the profiled tube

TREK / TAIGA

POLEDRIVE (set in the bottom of the pole)	○
Dimming 5 (preset)	○
DALI (preset)	○
FC	Compatible with standard version, Dimming 5 or DALI option

Glossary:

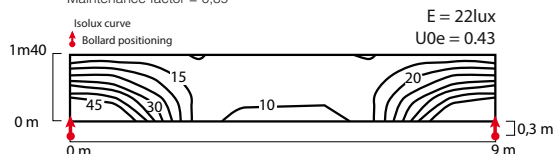
● Standard ○ Option – Not available

EAH: Dedicated LED module for accessibility of disabled persons (PMR), **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, **DALI:** compatible with the DALI protocol, **FC:** Compensated flux

PHOTOMETRIC DISTRIBUTIONS: TREK / TAIGA

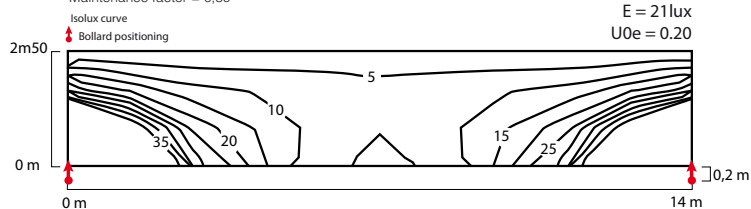
Standard road: width 1.40m, spacing 9 m P = 10W

Maintenance factor = 0,89



Very wide road: width 2.50m, spacing 14m P = 17W

Maintenance factor = 0,89



ZESTO

Design: Jean-Baptiste DUTHILLEUL

**DESCRIPTION**

- Lighting head and module in die-cast aluminium
- Assembly mechanically welded in galvanised steel
- Polycarbonate bowl
- Polyester powder coating, any colour available
- IP66 Module / IK10 / Class I or II / Weight: 19 kg
- ORALENS Mono lenses, EAH distribution
- BLS strip
- Colour temperatures: 4000 K and 3000K

CITIZEN REFERENCE POINTS

- Materials used: Steel 56%, Aluminium 39%, Plastic 2%, Other 3%
- Complies with the RoHS directive
- ULR<1%
- High recyclability rate

INSTALLATION

- Cast iron base
- Internal fixing using 4 anchor rods, Ø 12 mm

MAINTENANCE

- Removable lighting head
- Access to mains power cabinet after opening the door screw

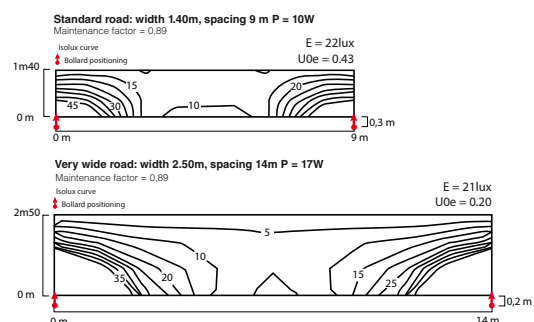
	ZESTO
POLEDRIVE (set in the bottom of the bollard)	○*
Dimming 5 (preset)	○
DALI (preset)	○
FC	Compatible with standard version, Dimming 5 or DALI option

*Only available in class II

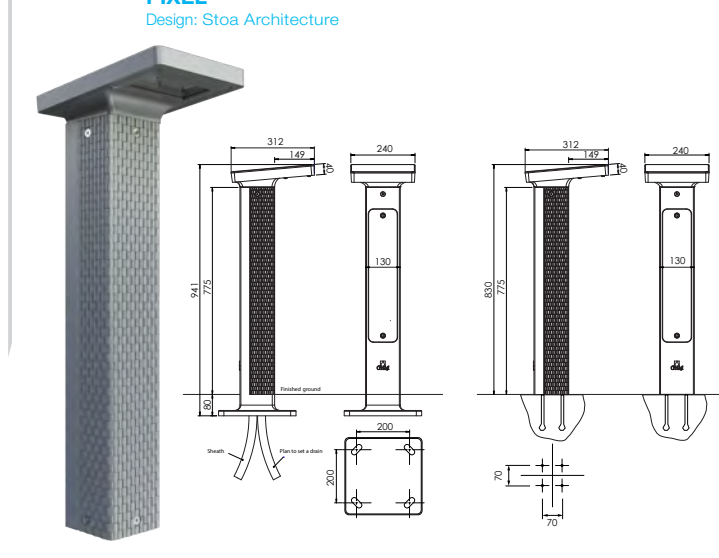
Glossary:

● Standard ○ Option - Not available

EAH: Dedicated LED module for accessibility of disabled persons (PMR). **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, **DALI:** compatible with the DALI protocol, **FC:** Compensated flux

PHOTOMETRIC DISTRIBUTIONS**PIXEL**

Design: Stoa Architecture

**DESCRIPTION**

- Lighting head and module in die-cast aluminium
- Metalized cast iron bollard
- Glass Bowl
- Polyester powder coating, any colour available
- IP66 Module / IK10 / Class I or II
- ORALENS Mono lenses, EAH distribution
- BLS strip
- Colour temperatures: 4000 K and 3000K

CITIZEN REFERENCE POINTS

- Materials used: Steel%, Aluminium%, Plastic%, Other%
- Complies with the RoHS directive
- ULR<1%
- High recyclability rate

INSTALLATION

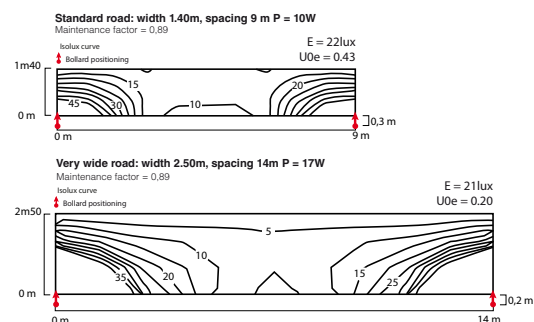
- Cast iron base plate with center distance 200 x 200mm, or center distance 70 x 70mm with chemical compound

	PIXEL
POLEDRIVE (set in the bottom of the bollard)	○
Dimming 5 (preset)	○
DALI (preset)	○
FC	Compatible with standard version, Dimming 5 or DALI option

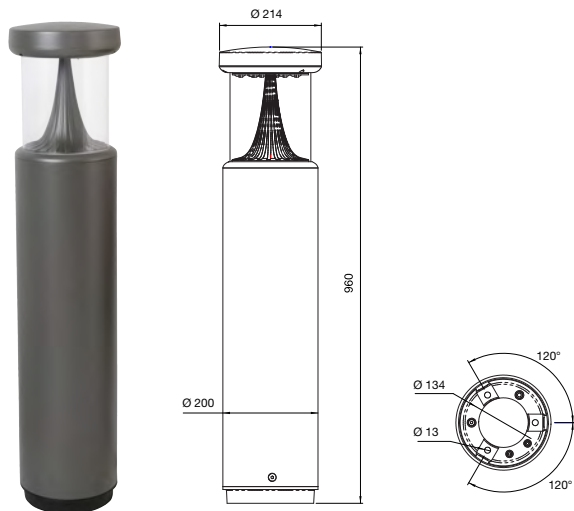
Glossary:

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PHOTOMETRIC DISTRIBUTIONS

TEAM



DESCRIPTION

- Aluminium profile 200 mm tube
- Die-cast aluminium cap
- Polycarbonate bowl
- Polyester powder coating finish, choice of colours
- IP66 Module / IK10 - 60 joules / Class I or II
- Weight: 14,2 kg
- **ORALENS** mono lenses, ECL and EAH distribution
- Specific LED source
- Colour temperatures: 4000K and 3000K

CITIZEN REFERENCE POINTS

- Materials used: Aluminium 60%, Steel 28%, Plastic 7%, Other 5%
- Complies with the RoHS directive
- ULR<1%
- High recyclability rate

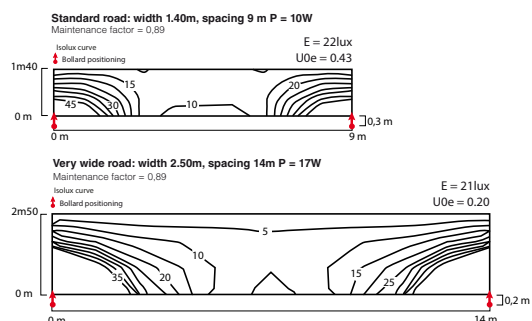
INSTALLATION

- Cast iron base
- Internal fixing using 3 anchor rods, Ø 12 mm on Ø 134 mm

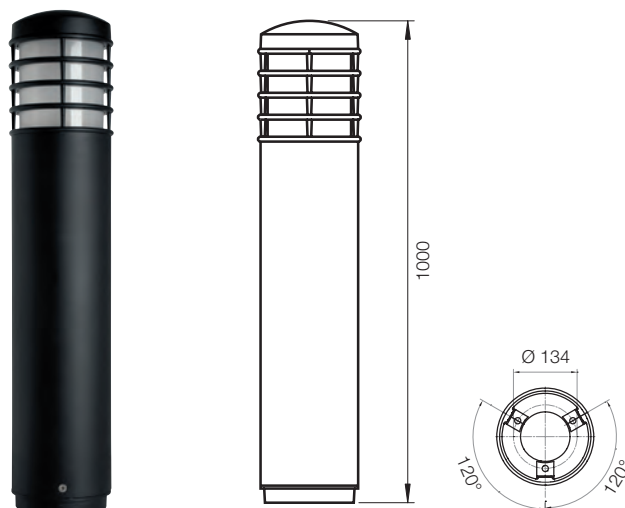
MAINTENANCE

- Access to the LED module and equipment by removal of the profiled tube

PHOTOMETRIC DISTRIBUTIONS



CADIX LED



DESCRIPTION

- Lit bollard
- Tube in aluminium profile, Ø 200mm
- Die cast aluminium cap
- Polyester powder coating, any colour available
- Silicone gasket
- IK07
- Class I or II
- Aluminium cooling system
- Control gear integrated on a removable tray
- IP66 module
- Colour temperature: 4000 K
- Total power consumption: 13 W

INSTALLATION

- Cast iron bottom
- Internal fixation with 3 anchor bolts, Ø 12 mm sur Ø 134 mm

TEAM

	TEAM
POLEDRIVE (set in the bottom of the pole)	○
Dimming 5 (preset)	○
DALI (preset)	○
FC	Compatible with standard version, Dimming 5 or DALI option

Glossary:

● Standard ○ Option - Not available

EAH: Dedicated LED module for accessibility of disabled persons (PMR), **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, **DALI:** compatible with the DALI protocol, **FC:** Compensated flux

FLORE LED

Design: Françoise PERSOUYRE

**URBINO LED**

Design: Jean-Michel WILMOTTE

**DESCRIPTION**

- Cast iron lighting bollard
- Height: 866 mm
- Top diameter: 210 mm
- Bottom diameter: 225 mm
- Class I, Class II on request
- IP66 module
- Colour temperature: 4000 K
- Total power consumption: 46 W

INSTALLATION

- 3 anchor bolts Ø 10mm x 150mm x Ø 120mm

DESCRIPTION

- Cast iron lighting bollard
- PMMA diffuser
- Height: 600 or 750 mm
- Diameter: 325 mm
- Class I, Class II on request
- IP66 module
- Colour temperature: 4000 K
- Total power consumption: 10 W

INSTALLATION

- 3 anchor bolts Ø 14mm x 150mm x Ø 190mm



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standbeelden

kunst

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