



TREK (PMR\*)

TAIGA (PMR\*)

TEAM (PMR\*)

ZESTO (PMR\*)

PIXEL (PMR\*)

URBINO

CADIX

FLORE



# 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 sectored 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



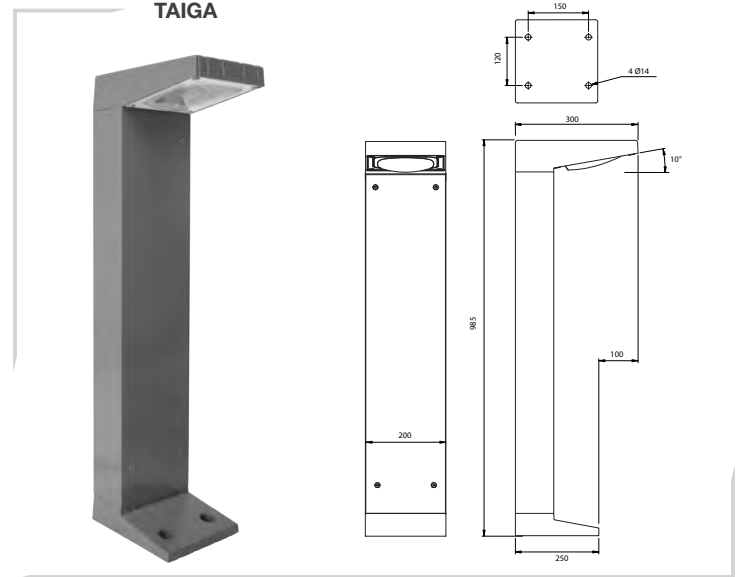
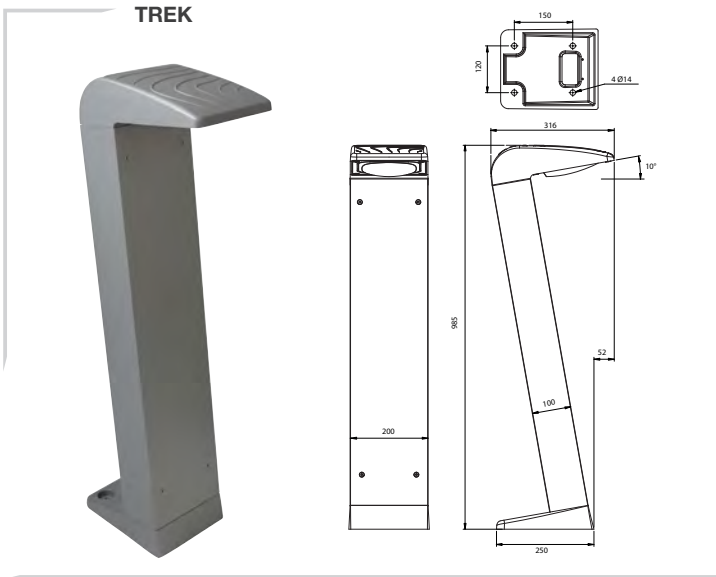
Cadix Bollard



Flore Bollard



Urbino Bollard



**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
- Class 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

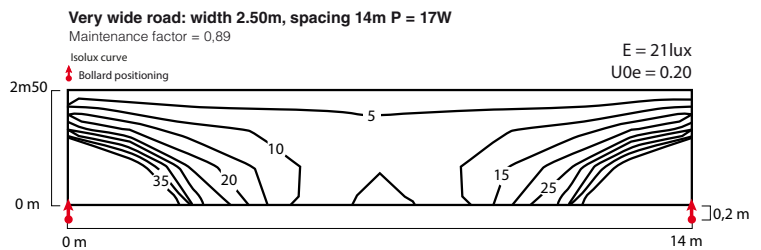
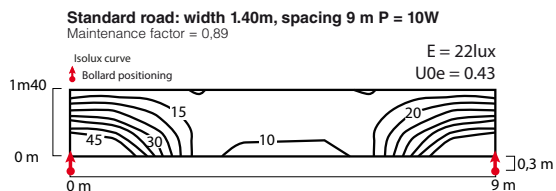
TREK / TAIGA	
<b>POLEDRIVE</b> (set in the bottom of the pole)	○
<b>Dimming 5</b> (preset)	○
<b>DALI</b> (preset)	○
<b>FC</b>	Compatible with standard version, Dimming 5 or DALI option

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**



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

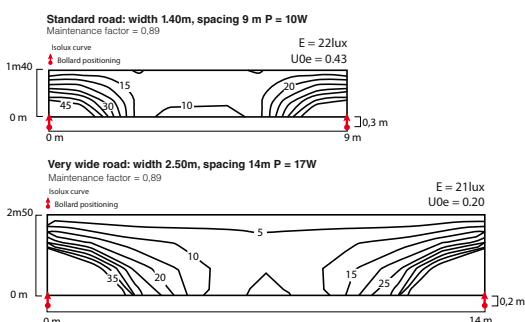
\*Only available in class II

Glossary:

- Standard ○ Option - Not available

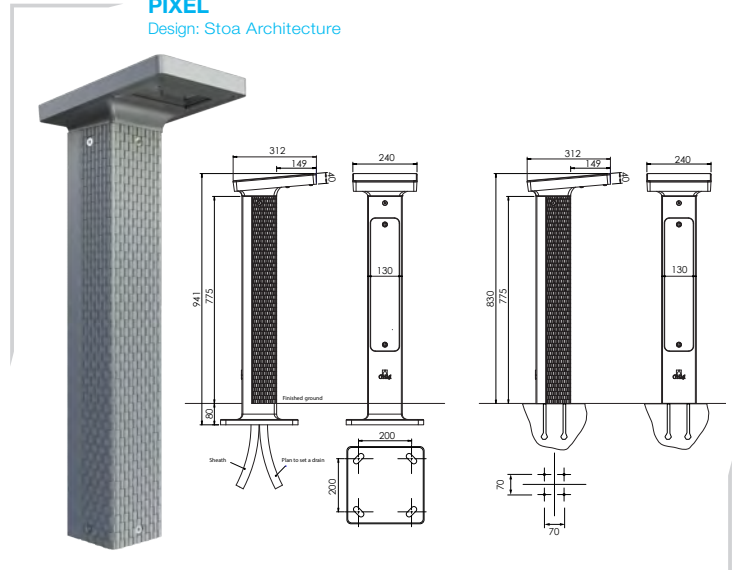
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**PHOTOMETRIC DISTRIBUTIONS**



**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

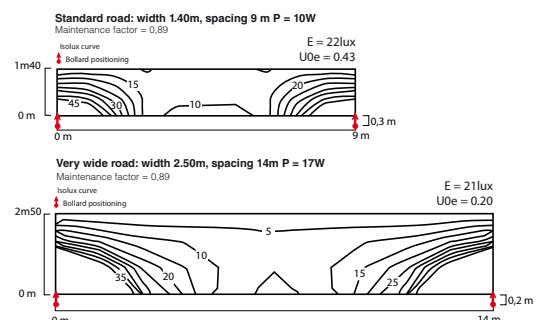
	PIXEL
<b>POLEDRIVE</b> (set in the bottom of the bollard)	○
<b>Dimming 5</b> (preset)	○
<b>DALI</b> (preset)	○
<b>FC</b>	Compatible with standard version, Dimming 5 or DALI option

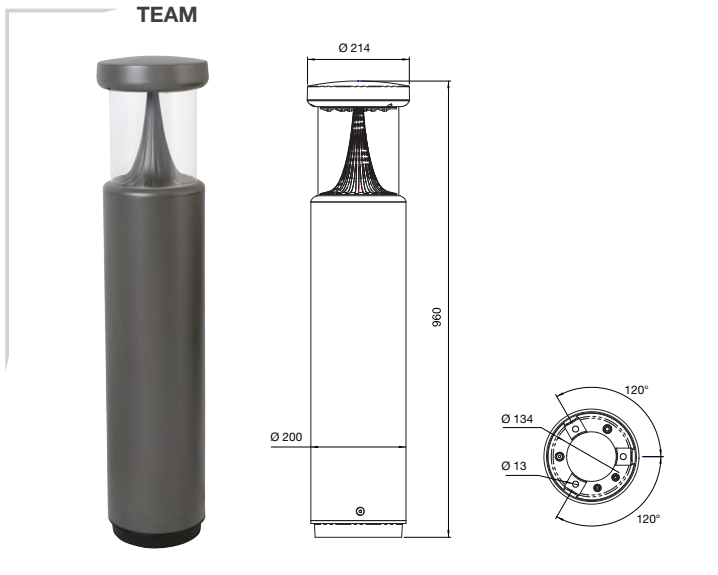
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**PHOTOMETRIC DISTRIBUTIONS**





**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

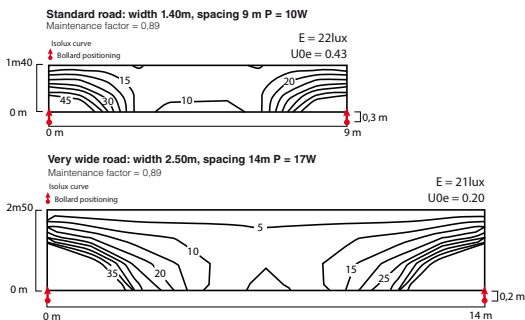
**INSTALLATION**

- 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**



**TEAM**

<b>POLEDRIVE</b> (set in the bottom of the pole)	•
<b>Dimming 5</b> (preset)	•
<b>DALI</b> (preset)	•
<b>FC</b>	Compatible with standard version, Dimming 5 or DALI option

Glossary:

• Standard    • Option    - Not available

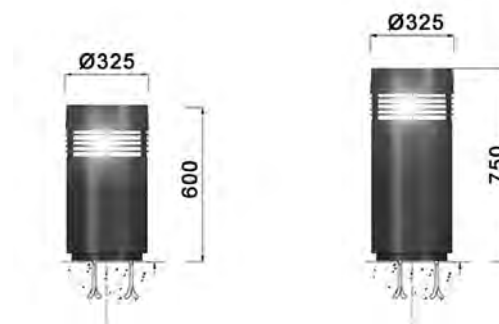
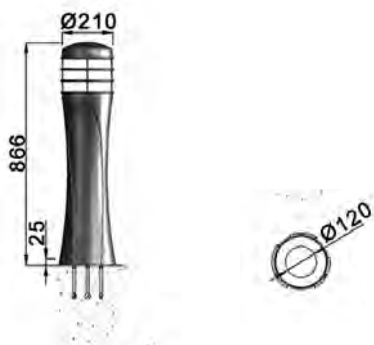
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**FLORE LED**

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