



# PIXEL

Luminaire design: STOA Architecture

The raw material of lighting is light. During the day, it is natural; it must be manufactured at night... the only reason for "lighting equipment" in a town: making light!

The **PIXEL** range offers:

- a perfectly discrete sober and elegant design; so that during the day the design disappears into the town;
- a wide choice of high quality luminaires suitable for various urban situations so that, during the night, the light emphasises the town;
- a technology that is economical in manufacturing, consumption and maintenance; to last a long time in the town, during the day as well as the night.



BLS STRIPS

Stoa Architecture





Pixel on Musa bracket

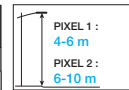


Pixel on Maka bracket



Pixel on Pico bracket





PIXEL 1 - Provided with detector



PIXEL 2



## APPLICATIONS

- Mounting: Top, bitop, side entry
- Pixel 1: Urban routes, pedestrian walkways, cycle paths and residential lighting.  
Pixel 2: Roads, secondary urban and inter-urban streets
- Recommended heights: Pixel 1: 4 to 6 m / Pixel 2: 6 to 10 m

## DESCRIPTION

- Luminaire available in 2 sizes: PIXEL 1 and PIXEL 2
- Body and frame in injected die-cast aluminium
- Silkscreen printed, thermally toughened flat glass
- Luminaire opens without tools
- Luminaire fixation top or lateral
- Polyester powder coating, any colour available
- IP66
- IK09
- Mono lense **ORALENS**
- Colour temperature: 4000 K and 3000 K
- Class I or II
- Luminaire pre-wired in the factory (6 m)
- Luminaire eligible for Energy Saving Certificates

## CITIZEN REFERENCE POINTS

- Materials used:
  - Pixel 1: Aluminium 63%, Other 22%, Glass 9%, Steel 5%, Plastic 1%
  - Pixel 2: Aluminium 65%, Other 19%, Glass 11%, Steel 4%, Plastic 1%
- Complies with the RoHS directive
- ULR < 1%
- High recyclability rate

## WATERPROOFING

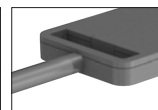
- IP66 waterproofing in accordance with the standard EN 60 529
- Extruded silicone gasket
- Cable gland with anchoring device
- Breathing system with activated carbon filter

## MECHANICAL INTERFACES

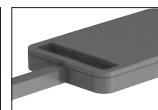
- Top fixation, male fastening for pole Ø 60 - 62mm  
Penetration of 100mm onto the pole  
For pole Ø 76mm top, optional spigot A (see page 246) Luminaire tilted at 7°
- L: Side entry coupled with sleeve for tube (Ø 60mm exterior) (see page 246 - E, F)
- L: side entry for rectangular tube (50x70mm) (see page 246 - E, F)
- Pathway bracket with fastening plate
- Wall-mounted bracket



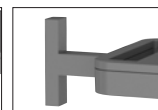
Top fixation



Side entry coupled with sleeve for tube



Side entry for rectangular tube



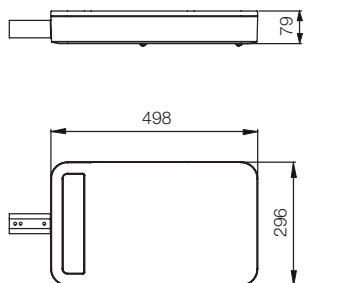
Wall-mounted bracket

## OPTION VASQUE EFFET MIROIR

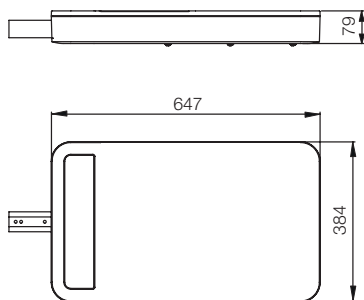


Without options

With blue reflecting mirror option



PIXEL 1



PIXEL 2

KEY POINTS

	PIXEL 1	PIXEL 2	
<b>Applications</b>	Urban routes, pedestrian walkways, cycle paths and residential lighting.	Roads, secondary urban and inter-urban streets	
<b>Recommended heights</b>	4 to 6 m	6 to 10 m	
<b>Mounting</b>	Top, bitop, side entry		
<b>Dimensions</b>	<b>Length</b>	498 mm	647 mm
	<b>width</b>	296 mm	384 mm
	<b>height</b>	79 mm	79 mm
<b>Weight</b>	9 kg	12,5 kg	
<b>Windage area</b>	0,06 m <sup>2</sup>	0,08 m <sup>2</sup>	
<b>Sources</b>	BLS strips		
<b>Sources access</b>	Opens without tools by pressing the push-strip on the top casting. Direct access to the LED bars by removing the bowl		
<b>Optics and light distribution options<sup>(1)</sup></b>	ERS, ERL, ECa, ERE, LRL, LRS, PFA, ETS, EPD, EPG	ERS, ERL, ECa, ERE, LRL, LRS, PFA	
<b>OPTIONS</b>	<b>POLEDRIIVE</b> (set in the bottom of the pole)	<input type="radio"/>	<input type="radio"/>
	<b>Dimming 5</b> (preset)	<input type="radio"/>	<input type="radio"/>
	<b>Motion</b> (setting on site)	<input type="radio"/>	-
	<b>Motion P</b> (set in the bottom of the pole)	<input type="radio"/>	<input type="radio"/>
	<b>Motion DALI</b> (set in the bottom of the pole)	<input type="radio"/>	-
	<b>Motion 5</b> (preset)	<input type="radio"/>	-
	<b>Motion COM</b> (setting on site)	<input type="radio"/>	-
	<b>DALI</b> (preset)	<input type="radio"/>	<input type="radio"/>
	<b>FC</b> (preset)	Compatible with standard version, Dimming 5, Motion 5 or DALI option	

(1) Rearward light spill cover optional except for EPD, EPG and level 1 of the luminaires concerned

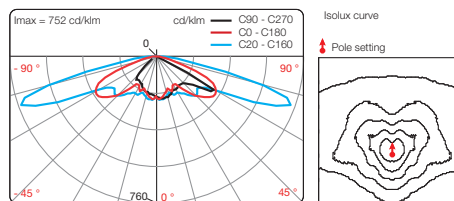
Glossary:

- Standard
- Option
- Not available

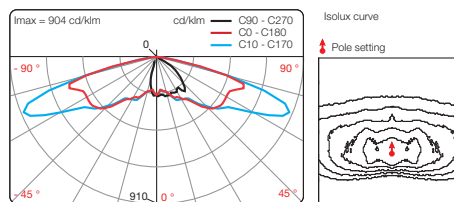
**E/L/P:** Lighting/Luminance/Projection, **R/C/T/F/P:** Road/Circulation/Path/Beam/Pedestrian walkway, **E/S/L/A/D/G:** Narrow/Standard/Wide/Asymmetric/Right/Left, **POLEDRIIVE:** preset at the bottom of the pole / night dimming calculator with 2 configurable thresholds, set in the bottom of the pole, **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, **FC:** Compensated flux

PHOTOMETRIC DISTRIBUTIONS

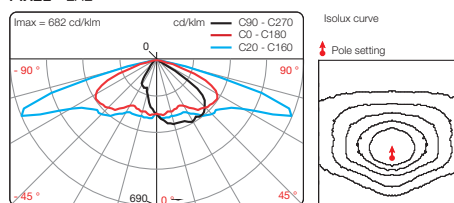
PIXEL - ERL



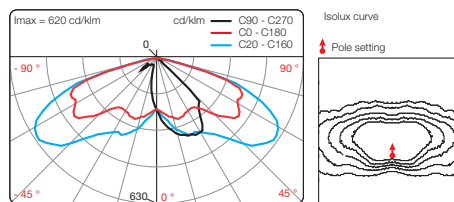
PIXEL - ERS



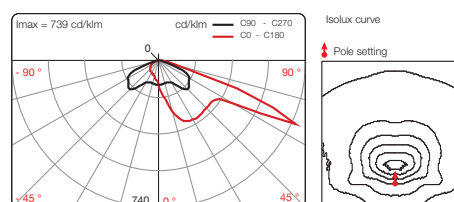
PIXEL - LRL



PIXEL - LRS



PIXEL - PFA



MAINTENANCE

Opening and closing

Opens without tools by pressing the paddle on the top cover. {1}  
Cutting of the power supply when the luminaire is opened. The cover is held open by a safety prop.

Lighting equipment maintenance

Direct access to the equipment {2}  
Quick electrical disconnection without tools. Circuit board removable onsite without tools.

Source maintenance

Direct access to the BLS LED strips after removal of the bowl (4 or 6 attachment screws).





ECLATEC

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