

# PIXEL

Design: STOA Architecture



Configuration

PIXEL 1  
PIXEL column  
Column height: 4 m

Configuration

PIXEL 1  
Top spigot  
Column height: 4 m

Configuration

PIXEL 2  
MAKA bracket  
Outreach 1000 mm  
PIXEL 1  
MAKA bracket  
Outreach 200 mm  
MAKA column  
Column height: 6 m

Configuration

PIXEL 2  
Needle column  
Column height: 7 m

# PIXEL

Design: STOA Architecture



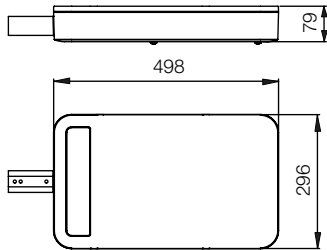
PIXEL 1  
Presented with motion sensor

## DESCRIPTION

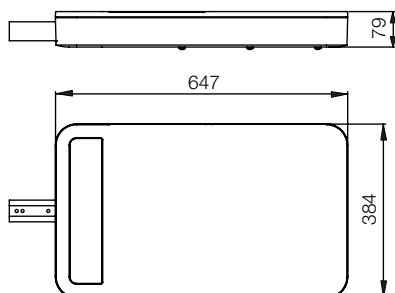
Product name	PIXEL 1	PIXEL 2
Housing	Injection die-cast aluminium body	
Bowl	Thermally tempered and screen printed flat glass	
Finish	Polyester powder coating, any colour available	
Impact Protection	IK 09	
Ingress Protection	IP66 Extruded silicone gasket Cable gland with anchoring device Breathing system with activated carbon filter	
Dimensions (L x l x h)	498 x 296 x 79 mm	647 x 384 x 79 mm
Weight	9kg	12.5kg
Windage area	0.06m <sup>2</sup>	0.08m <sup>2</sup>
Watts/lumens	Click to view	

## DIMENSIONS

PIXEL 1



PIXEL 2





PIXEL 2

## SOURCES & PHOTOMETRIC DISTRIBUTIONS

	PIXEL 1	PIXEL 2
Sources	BLS strips	
Colour temperature	Amber*, 2200 K, 2400 K, 2700 K, 3000K, 4000 K	
Optical Distribution	QUADRALENS ERS, ERE, ERL, ECa, LRL, LRS, ETS, PFA, EPD, EPG	
Backlight shield option	Medium or strong cut-off	
Power supply current	Adjustable up to 700 mA <sup>(1)</sup>	

\*Approx. 1800K, only on BLS12 as standard (1) >700mA possible on request  
E/L/P: Lighting/Luminance/Projection, R/C/T/I/F/P: Road/Circular/Pavement/Beam/Zebra crossing, E/S/L/A/D/G: Narrow/Standard/Wide/Asymmetrical/Right/Left

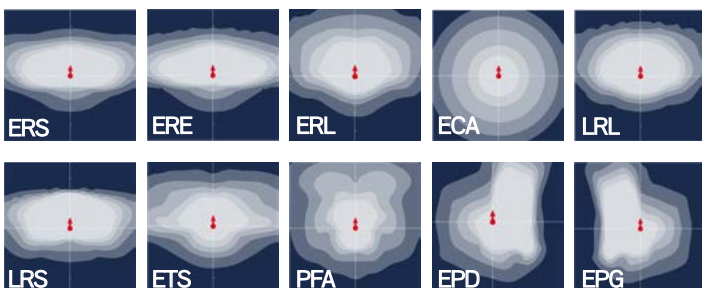


BLS strips

## CONTROL OPTIONS

PIXEL by Eclatec represents the latest in control systems, both centralised and decentralised. Adjustable current on the driver or at the bottom of the pole. Dimming as above as well as via bluetooth. All form factors support remote detection while PIXEL 1 supports built in detection. Both support Smart-Ready<sup>(R)</sup> configuration (ZD4i). When used with a local network, communication can be detected with a pilot wire and/or wireless communication sensing. Remote management via WIZARD CMS system.

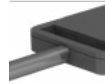
## OPTICAL DISTRIBUTION



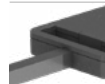
## MECHANICAL INTERFACES



Top fixing, male fastening:  
- for pole Ø 60 - 62 mm, penetration of 100 mm onto the pole  
- for pole Ø 76 mm top, optional spigot A. Luminaire tilted at 7°



L: side entry coupled with sleeve for tube (Ø 60 mm exterior)



L: side entry for rectangular tube (50x70 mm) (- E, F)



Pathway bracket with fastening plate



Wall-mounted bracket



MAKA bracket, outreach 200 mm

## MAINTENANCE

Opening and closing	Opens tool-free by pressing the paddle on the top cover. {1} Cuts off power supply when the luminaire is opened. Cover is held open by a safety stay.
Electrical equipment maintenance	Direct access to the equipment {2} Quick electrical disconnection without tools. Circuit board removable onsite without tools.
Sources maintenance	Direct access to the BLS LED strips after removal of the bowl (4 or 6 attachment screws).

