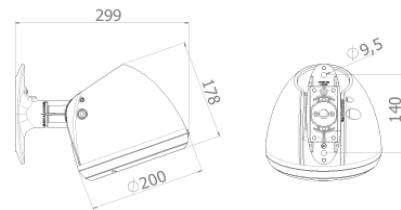


## SMART (options)

Detection	✓
Night-time dimming	✓
WIZARD remote management	✓

Details of the options and performance of each luminaire can be found in the ECLATEC LED solutions overview, which can be downloaded from our website: [www.eclatec.com](http://www.eclatec.com)

## WIRED



## DESCRIPTION

Product	XEON 1
Housing	Injected die-cast aluminum body, module and mechanical interfaces
Bowl	Thermally tempered glass
Mechanical impact	IK 09
Ingress protection	IP 66 sealing level in accordance with EN 60 529 Extruded silicone gasket Breathing system with activated carbon filter Cable gland
Dimensions (diam. x h)	ø200 x 178 mm
Weight	3,3 kg
Windage area	0,03 m <sup>2</sup>
Electrical class	I or II
Ambient temperature	- 40°C to + 45°C

## MAINTENANCE

Maintenance	Projector opening with 3 cable screws (safety wire). Fast electrical disconnection without tools. Removable LED module on site
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## MECHANICAL INTERFACES

**Attachment** for conical or cylindro-conical pole Inclinaisons : Position indicators in increments of 5°. The horizontal plane: -60° to +60° with end stop, screw lock. The vertical plane: 0° to +75°, screw lock

**Wall light** via specific slider

**Lateral bracket attachment Inclinaisons** : the horizontal plane: - 75° to + 75°, the vertical plane: -15° to +60°

## LED SOURCES

Sources	BLS strips (8LED)
Colour temperature (K)	Ambre/"1800 K" (U500=1%), 2200 K (U500=6%), 2700 K (U500=10%), 3000 K (U500=11%), 4000 K (U500=17%) (others on request)
CRI	> 70 (others on request)
Luminaire SDCM	<4
LED service life	L90 > 100,000 h
Optics and distributions	3 symmetrical lenses (ECL, ECa, ECb) 7 asymmetric lenses (ERE, ERS, ERL, LRS, LRL, LRM, ETS) 6 floodlight lenses (PFA, PSa, Paa, PFI, PFL, PFM) 2 pedestrian crossing lenses (EPG, EPD) 2 optional barn door types
Photobiology	RG1 (3000 K)

\* Partial list

## MAXIMUM PERFORMANCES (see LED synoptic for the other configurations)

	XEON 1_1BLS8		
	Flux <sup>(A)</sup> à 900 mA (lm)	Puissance <sup>(B)</sup> (W)	Efficacité (lm/W)
4000 K	2635	23	115
3000 K	2619	23	114
2700 K	2277	23	99
2200 K	2121	23	92
Ambre/"1800 K"	1109	23	48

(A) Luminaire output flux at commissioning (including thermal and optical outputs relative to the source fluxes) for a given distribution and ambient temperature of 25°C in accordance with the IEC 62717 and IEC 62722 performance standards (B) Total power consumed by the luminaire including all electrical equipment, including the power supply in accordance with the IEC 62717 and IEC 62722 performance standards



**DRIVERS**

<b>Power</b>	220 V / 240 V - 50 Hz / 60 Hz / integrated 10 kV overvoltage protection
<b>Brand</b>	PHILIPS Xitanium Full Prog ou INVENTRONICS OSRAM 4 DIM - Version D4i: SR, DEXAL ou TRIDONIC PRE
<b>Power factor</b>	90% minimum
<b>THD</b>	15% maximum
<b>Current</b>	Constant supply current adjustable up to 700mA* (in 1mA steps, within the nominal current range specified in the power supply data sheet)
<b>Lifespan</b>	10% failure at 100 000 hours
<b>Control</b>	DALI or 1-10V

\* I>700mA on request

**STANDARD / MARKING / CERTIFICATIONS**

<b>Compliance</b>	<b><u>CE, marking requirements :</u></b>
	Directive 2014/35/EU, Low voltage Directive
	Directive 2014/130/EU Electromagnetic Compatibility
	Directive 2011/65/EU (RoHS)
	Directive 2009/125/EC Ecodesign requirements
<b>Eligibility for Energy-saving certificates</b>	French decree 'Limitation of light pollution' December 27, 2018
	C.E.E, RES-EC-103, RES-EC 104 sheets
<b>NF EN 13201</b>	In accordance with the lighting calculations issued
<b>REACH</b>	Products conformity regularoty management of chemicals
<b>WEEE</b>	(Waste Electrical and Electronic Equipment) Manufacturer involvement
<b>RECYCLUM</b>	ECLATEC, adhering member

**WARRANTY**

See our general sales conditions on our website