



DESCRIPTION

Product name	XEON 1	XEON 2	XEON 3
Housing	Injected cast aluminium housing, module and mechanical interfaces		
Bowl	Thermally tempered glass		
Mechanical impact protection code	IK 09	IK 10	
Ingress Protection	IP 66 ingress protection Extruded silicon joint Cable gland Light ventilation through active charco		
Mounting	<p>Attachment for conical or cylindro-conical (1) 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</p> <p>Wall light (2) via specific slider</p> <p>Lateral bracket (3) attachment Inclinaisons : the horizontal plane: - 75° to + 75°, the vertical plane: -15° to +60° for XEON 1 / +65° for XEON 2 / +70° for XEON 3</p> <p>XEON Top (4) penetrating fixation for pole Ø60 / Ø62 mm x 324mm. XEON 1: from 5° to 85°, h = 184 to 345 mm / XEON 2: from 5° to 90°, h = 164 to 365 mm / XEON 3: from 5° to 95°, h = 128 to 397 mm.</p> <p>XEON aluminium bracket (5), outreach 515 mm for XEON 1, 538 mm for XEON 2 and 578 mm for XEON 3</p>		
Dimensions	Ø200 x 178 mm	Ø240 x 209 mm	Ø300 x 262 mm
Weight	3,3 kg	3,9 kg	5,5 kg
Windage area	0,03 m ²	0,04 m ²	0,06 m ²
Electrical class	I or II		
Ambient temperature	-40°C to +40°C		

MAINTENANCE

Maintenance	Projector opening with 3 captive screws (safety wire). Rapid electrical disconnection without tools . Removable LED module on site
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LED SOURCES

Sources	COB Module	XEON Module
Colour temperature (K)	2700 K, 3000 K, 4000 K (others upon request)	
CRI	> 70 (others upon request)	
Luminaire SDCM	<3	
LED lifetime	L90 > 100 000 h	
Optics and light distribution options	2 x asymmetrical lenses (ERS, ERL) 3 x floodlight lenses (PFI, PFM, PFL)	
Option	Anti-glare grill, Visor or Canon	
Photobiology	RG1 (3000 K)	

MAXIMUM PERFORMANCES (see annex for all LED modules options)

	XEON 1			XEON 2			XEON 3		
	Flux ^(A) at 700mA (lm)	Power ^(B) (W)	Efficiency (lm/W)	Flux ^(A) at 700mA (lm)	Power ^(B) (W)	Efficiency (lm/W)	Flux ^(A) at 700mA (lm)	Power ^(B) (W)	Efficiency (lm/W)
4000 K	2200	32	69	5901	50	118	8551	73	117
3000 K	2133	32	67	5722	50	114	8292	73	114
2700 K	1933	32	60	5185	50	104	7514	73	103

(A) Output flux from the luminaire at commissioning (including thermal and optical yields compared to the Flux from sources) for given optics, maximal current and ambient temperature 25°C, as per IEC 62717 and IEC 62722 standards.
(B) Total power absorbed by the luminaire including all electrical equipment, as per IEC 62717 and IEC 62722 standards.

DRIVER

Power	230 V / 240 V - 50 Hz / 60 Hz / pSurge protection 10Kv
Brand	Philips Titanium Full Prog or OSRAM 4 DIM - D4i option (SR and DEXAL)
Power factor	90% minimum
Total harmonic distortion	15% max
Current	Dimmable current up to 700 mA
Lifetime	10% failure at 100 000 hours
Control	DALI or 1-10V

SMARTLIGHTING (OPTIONS)

Smart-ready®	Pre-configuration, to connect communicating systems with Sensor Ready drivers, to a base in compliance with ZHAGA Book 18. (Xeion 2 or 3)
Standalone solutions	Dimming calculator from 2 to 5 slots (Dimming 5, POLEDRIIVE/ POLEDRIIVE Bluetooth: XEON 2 or 3) Moving sensor (Motion P) Moving sensor combined with dimming calculator (Motion P) Constant Light Output (CLO) Adjustable driver (POLEDRIIVE)
Local Network	Luminaires group: detection through ZIGBEE 3.0 communication protocol (Motion COM) or pilot wires.
Telemangement	WIZARD - ECLATEC

STANDARDS / MARKING / CERTIFICATIONS

Compliance	<p>CE marking requirements:</p> <ul style="list-style-type: none"> - Directive 2014/35/EU, Low voltage Directive - Directive 2014/130/EU Electromagnetic Compatibility - Directive 2011/65/EU Restriction of Hazardous substances (RoHS) - Directive 2009/125/EC Ecodesign requirements
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NF EN 13201	In accordance with the lighting calculations issued.
REACH	Products conformity regulatory management of chemicals
WEEE	(Waste Electrical and Electronic Equipment) Manufacturer involvement
ENEC / ENEC+	ENEC certified

WARRANTY

Mechanical parts	According to our general sales conditions
Electrical parts	According to our general sales conditions
Painting	According to our general sales conditions