



CEE

RoHS

IP 66

IK 10

IK 09



OXYA supported



OXYA suspended

SMART (options)

Dimming	✓
Detection	✓
Moonlight technology	✓
Tunable white	✓
WIZARD telemanagement	✓

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

DESCRIPTION

Product	OXYA
Housing	Die-cast aluminum housing
Finition	Polyester powder coating, any colour available
Bowl	PPC bowl: Polycarbonate Flat Light VPS bowl: Flat, screen-printed glass
Mechanical impact	PPC bowl: IK 10 VPS bowl: IK 09
Ingress protection	IP 66 sealing level in accordance with EN 60 529 Extruded silicone gasket Anchored cable gland Breathing system with activated carbon filter
Dimensions (diam. x h)	Supported: 370 x 370 x 644 mm Suspended: 370 x 370 x 583 mm
Weight	9,6kg
Windage area	0,14 m ²
Electrical class	I or II
Ambient temperature	- 40°C to + 40°C
Material assessment	Available in the PEP Product Environmental Profile sheets

MECHANICAL INTERFACES

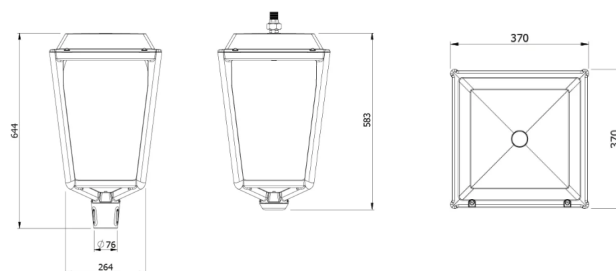
Supported: Covering fixture to a standard Ø 60/62 mm pole or to a specific Ø 76 mm pole with Ø 60 mm tip, Len 80 mm. Fixture at the top of the pole, locked using 6 M8 screws

Suspended: Attachment using a swivel joint Ø 27 pdg mounted on the luminaire

MAINTENANCE

Maintenance Opening and closing using 2 quick-thread screws. Cover supported by a safety strand. Direct access to the module once the cover is open, removable module. Power supply using a quick connection.

HARD WIRED



LED SOURCES

Sources	BLS strips (12 to 48 LED)
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 upon request)
CRI	> 70 (others upon request)
SDCM Luminaire	<4
LED lifespan	L90 > 100 000 h
Optics and light distribution options*	1 symmetrical lense (ECa) 7 asymmetrical lenses (ERE, ERS, ERL, LRS, LRL, LRM, ETS) 1 floodlight lense (PFA) 2 crossing lenses (EPG, EPD) 2 types of backlight shield (option)
Photobiology	RG1 (3000 K)

* Non exhaustive list

MAXIMUM PERFORMANCES

	OXYA_4BLS12 (48 LED)		
	Flux ^(A) at 700 mA (lm)	Power ^(B) (W)	Efficiency (lm/W)
4000 K	15241	101	151
3000 K	14818	101	147
2700 K	13548	101	134
2200 K	12277	101	122
Ambre/"1800 K"	10161	101	101

(A) Output flux from the luminaire at commissioning (including thermal and optical yields compared to the flux from other 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



DRIVERS

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

* |>700mA on request

STANDARD / MARKING / CERTIFICATIONS

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

WARRANTY

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