



DESCRIPTION

Product name	OXYA
Housing	Die-cast aluminium housing
Finition	Polyester powder coating, any colour available
Bowl	PPC Bowl: Polycarbonate Flat Light VPS Bowl: Flat, screen-printed glass
Mechanical impact protection code	PPC Bowl: IK 10 VPS Bowl: IK 09
Ingress Protection	IP 66, as per the EN 60 529 standard. Extruded silicone seal Anchored cable gland Luminaire ventilation through an active carbon filter
Mounting	Supported luminaire: 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 luminaire: Attachment using a swivel joint Ø 27 pdg mounted on the luminaire
Dimensions	Supported : 370 x 370 x 644 mm Suspended : 370 x 370 x 583 mm
Weight	9,6 kg
Windage area	0,14 m ²
Electrical class	I or II
Ambient temperature	- 40°C to + 40°C

MAINTENANCE

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

Sources	BLS Strips (12 to 48 LED)
Colour temperature (K)	2200 K, 2400 K, 2700 K, 3000 K, 4000 K (others upon request)
CRI	> 70 (others upon request)
Luminaire SDMC	<4
LED lifetime	L90 > 100 000 h
Optics and light distribution options	1 x symmetrical lenses (ECa) 7 x asymmetrical lenses (ERE, ERS, ERL, LRS, LRL, LRM, ETS) 1 x floodlight lenses (PFA) 2 x crossing lenses (EPG, EPD) 2 types of backlight shield (option)
Photobiology	RG1 (3000 K)

MAXIMUM PERFORMANCES (see annex for all LED modules options)

	OXYA - (4BLS12 - 48LED)		
	Flux ^(A) at 700mA (lm)	Power ^(B) (W)	Efficiency (lm/W)
4000 K	10663	101	106
3000 K	10340	101	102
2700 K	9371	101	93
2400 K	8563	101	85
2200 K	8401	101	83

(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 Xitanium 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 1000 mA depending on configuration
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.
Standalone solutions	Dimming calculator from 2 to 5 slots (Dimming 5, POLEDRIVE or POLEDRIVE Bluetooth) Moving sensor Integrated moving sensor (Motion, Motion DALI) or additional PIR (Motion P) Moving sensor combined with dimming calculator (Motion P, Motion DALI and Motion 5) Constant Light Output (CLO) Adjustable driver (POLEDRIVE)
Local Network	Luminaires group: detection through ZIGBEE 3.0 communication protocol or pilot wires.
Telemangement	WIZARD - ECLATEC

STANDARDS / MARKING / CERTIFICATIONS

Compliance	CE marking requirements: - 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
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

WARRANTY

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