



**DESCRIPTION**

Product name	ALO A
Housing	Die-cast aluminium body with lattice
Mechanical impact	IK 09
Ingress Protection	IP 66 waterproofing in accordance with the standard EN 60 529 Extruded silicone gasket Breathing system with activated carbon filter
Mounting	Post-top fastening on pole Ø 60/62
Dimensions	Ø 1258 x 364 x 208 mm
Weight	8,1 kg
Windage area	0,05 m <sup>2</sup>
Electrical class	I or II
Ambient temperature	-40°C to +40°C

**MAINTENANCE**

Maintenance	Opening with screws. Direct access to the power supply and ALO A modules
-------------	--

**LED SOURCES**

Sources	ALO A
Colour temperature (K)	3000K, 4000K (others upon request)
CRI	>70 & >80 (others upon request)
Luminaire SDCM	<4
LED lifetime	L90 > 100 000 hours
Optics and light distribution options	2 asymmetrical lenses (ERS, ERL)
Photobiology	RG1 (3000K)

**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 900 mA
Lifetime	10% failure at 100 000 hours
Control	DALI or 1-10V

**SMARTLIGHTING (OPTIONS)**

Smart-ready <sup>(R)</sup>	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, POLEDRI VE) Remote presence detector. Moving sensor combined with dimming calculator (Motion P, MD) Constant Light Output (CLO) Adjustable driver (POLEDRI VE)
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

	ALO A (36 LED)		
	Flux <sup>(A)</sup> at 700 mA (lm)	Power <sup>(B)</sup> max (W)	Efficiency (lm/W)
4000K	10399	75	139
3000K	9799	75	131
2700K	9061	75	121
2400K	8461	75	113
2200K	8170	75	109
Amber	4456	75	59

(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.