



SMART (options)

Smart-ready® (Zd4i)	✓
Dimming	✓
Detection	✓
Moonlight technology	✓
Tunable white	✓
WIZARD telegestion	✓

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	ZELDA S1
Housing	Housing, cover and sleeve in die-cast aluminum
Bowl	Thermally tempered and screen printed glass
Mechanical impact	IK 10
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)	637 x 360 x 126 mm
Weight	7,5 kg
Windage area	0,06 m ²
Electrical class	I or II
Ambient temperature	- 40°C to + 55°C
Pre-wiring	Pre-wired
Material assessment	Available in the PEP Product Environmental Profile sheets

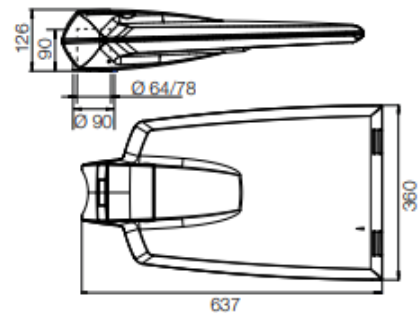
MECHANICAL INTERFACES

Top and side entry with adjustable tilt angles. Entries Ø 60 mm, Ø 49 mm / Top Ø 76 mm. Tilt angle **Top**: 0°; +5°; +10°; +15°; +20° / **Side** 0°; -5°; -10°; -15°; -20°. Locking using 2 pressure screws

MAINTENANCE

Maintenance	Opening of the cover after unscrewing 2 screws
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HARD WIRED



LED SOURCES

Sources	Bls strips (8 to 24 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)
Luminaire SDCM	<4
LED lifespan	L90 > 100 000 h
Optics and light distribution options*	3 symmetrical lenses (ECL, ECa, ECb) 7 asymmetrical lenses (ERE, ERS, ERL, LRS, LRL, LRM, ETS) 6 floodlight lenses (PFI, PFM, PFL, PFA, PSa, PAa) 2 crossing lenses (EPG, EPD) 2 types of backlight shield (option)
Photobiology	RG1 (3000 K)

* Non exhaustive list

MAXIMUM PERFORMANCES

	ZELDA S1 - 2BLS12 (24 LED)		
	Flux ^(A) at 700 mA (lm)	Power ^(B) (W)	Efficiency (lm/W)
4000 K	7983	51	157
3000 K	7762	51	152
2700 K	7096	51	139
2200 K	6431	51	126
Ambre/"1800 K"	5322	51	104

(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



B ~ ~ H ~ L

Power	220 V / 240 V - 50 Hz / 60 Hz / integrated 10 kV overvoltage protection
Brand	Philips Xitanium Full Prog ou OSRAM 4 DIM - option 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

* I>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 calulations issued
	REACH Products conformity regularoty management of chemicals
	WEEE (Waste Electrical and Electronic Equipment) Manufacturer involvement
RECYCLUM	ECLATEC, adhering member
ENEC/ENEC+	ENEC certified

DarkSky compliancy



WARRANTY

See our general sales conditions on our website