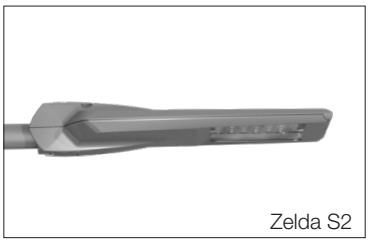
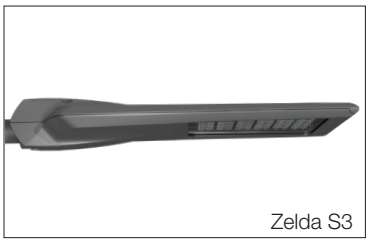
ECLATEC ZELDA S

01/04/21

ZENIUM | ZDi | EN 02 | ida DARK SKY APPROVED | RoHS | CEE | 0% 0° ULR | IP 66 | IK 10


Zelda S1


Zelda S2


Zelda S3


1


2

DESCRIPTION

Product name	ZELDA S1	ZELDA S2	ZELDA S3
	Luminaire available in 3 customizable levels		
Housing	Housing, cover and sleeve in die-cast aluminium		
Bowl	In thermally tempered and screen printed glass		
Mechanical impact protection code	IK 10		
Ingress Protection	IP 66 in accordance with the standard EN 60 529 Extruded silicone seal Cable gland Breathing system with activated carbon filter		
Mounting	Top and side entry with adjustable tilt angles Entries: Ø 60 mm, Ø 49 mm / Top Ø 76 mm Tilt angles: - Top: 0°; +5°; +10°;+15°; +20° - Side 0°; -5°; -10°;-15°; -20° Locking using 2 pressure screws		
Dimensions	637 x 360 x 126 mm	718 x 430 x 126 mm	802 x 470 x 126 mm
Weight	7,5 kg	9,5 kg	13 kg
Windage area	0,06 m²	0,08 m²	0,08 m²
Electrical class	I or II		
Ambient temperature	- 40°C to + 55°C		

MAINTENANCE

Maintenance	Opening of the cover after unscrewing 2 screws

LED SOURCES

Sources	BLS Strips (8 to 120 LED)
Colour temperature (K)	2200 K, 2400 K, 2700 K, 3000 K, 4000 K (others upon request) CCT's of 3000k or lower must be selected for IDA dark sky certification
CRI	> 70 (others upon request)
Luminaire SDCM	<4
LED lifetime	L90 > 100 000 h
Optics and light distribution options	3 x symetrical lenses (ECL, ECa, ECb) 7 x asymetrical lenses (ERE, ERS, ERL, LRS, LRL, LRM, ETS) 6 x floodlight lenses (PFI, PFM, PFL, PFA, PSa, PAa) 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)

	ZELDA S1 2BLS 12 (24 LED)			ZELDA S2 5BLS 12 (60 LED)			ZELDA S3 6BLS 8 + 6BLS 12 (120 LED)		
	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	6326	51	124	16113	123	131	27444	208	132
3000 K	6135	51	120	15624	123	127	26613	208	128
2700 K	5560	51	109	14159	123	115	24118	208	116
2400 K	5080	51	100	12939	123	105	22039	208	106
2200 K	4984	51	98	12695	123	103	21623	208	104

(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
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) Presence detector (Motion P) Moving sensor combined with dimming calculator (Motion P) Constant Light Outpot (CLO) Adjustable driver (POLEDRIVE)
Local Network	Luminaires group: detection through ZIGBEE 3.0 communication protocol (Motion COM) or pilot wires.
Telemanagement	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
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

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