



SMART (options)

Smart-ready® (ZD4i)	✓
Dimming	✓
Detection	✓
Moolight 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

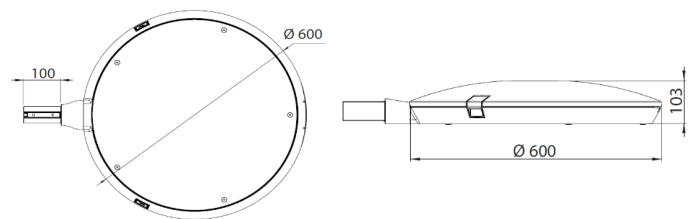
DESCRIPTION

Product	ITEM 500
Housing	Die-cast aluminium
Plates	Smooth, Traid or Honeycomb
Bowl	Thermally tempered and screen printed flat glass (VPC) Optional internal diffuser
Finition	Polyester powder coating, any colour available
Mechanical impact	IK 10
Ingress protection	IP 66 sealing level in accordance with EN 60 529 Extruded silicone gasket Cable gland with anchoring device Breathing system with activated carbon filter
Dimensions (diam. x h)	600 x 103 mm
Weight	12,2 kg
Windage area	0,05 m²
Electrical class	I or II
Ambient temperature	- 40°C to + 55°C
Material assessment	Available in the PEP Product Environmental Profile sheets

MAINTENANCE

Opening and closing	Opening without tools can be opened without tools using the 2 flaps. The luminaire is held open by a safety prop.
Device maintenance	Quick electrical disconnection without tools Circuit board removable on site without tools
Source maintenance	Access to the LED sources after removal of the bowl.

WIRED



PLATES



SMOOTH

TRAIT

HONEYCOMB

LED SOURCES

Sources	ORALED (36 LED) / BLS Strips (36 to 72 LED)
Colour temperature (K)	ORALED: 3000 K, 4000 K BLS Strips: Ambre/"1800 K" (U500=1%), 2200 K (U500=6%), 2400 K (U500=8%), 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
	ORALED : ECL, ERS, ERL, LRE, LRM
	BLS strips: 3 symetrical lenses (ECL, ECa, ECb)
Optics and light distribution options*	7 asymetrical lenses (ERE, ERS, ERL, LRS, LRL, LRM, ETS) 3 floodlight lenses (PFA, PSa, PAa) 2 crossing lenses (EPG, EPD) 2 types of backlight shield (option)
Photobiology	RG1 (3000 K)

* Non exhaustive list



MECHANICAL INTERFACES

LL: Side entry coupled with sleeve for bracket end with external Ø 60 mm

LLM 60: Smooth lateral with covering sleeve Ø 60 mm

LRM: Side entry with swivel joint and Ø ¾" thread for female boss welded onto pole or bracket

LRL: Side entry with plain swivel joint coupled with sleeve for bracket end with external Ø 60 mm

Top or bi-top: Fitting for pole Ø 60/62 mm. For pole Ø 76 mm top, optional spigot A

LTO 60 : Directional covering lateral top for Ø 60 mm

Wall mount and pad

SM: suspended with a threaded Nipple Ø 27 PDG (G3/4") and Ø 34 PDG

SCO: Catenary fixation - mechanical cable from 5 tp 14 mm

U-bracket 1, 2 or 4 arms: penetrating tip for Ø 60 mm pole

PHC: post top fastening pole Ø 60/62 mm

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

* I>700mA on request

MAXIMUM PERFORMANCES

	ITEM 600 _6BLS12_72 LED		
	Flux ^(A) at 700 mA (lm)	Power ^(B) (W)	Efficiency (lm/W)
4000 K	23515	145	162
3000 K	23501	145	162
2700 K	20490	145	141
2200 K	19135	145	132
Amber/"1800 K"	10077	145	69

(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

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