ECLATEC — ELIPT

ZENIUM · EN02 · RoHS · CEE · 0% 0° ULR · IP 66 · IK 08 ORALED · IK 10 REOLED

ELIPT 45
ORALED MODULE

ELIPT 55
REOLED MODULE

DESCRIPTIF

Product name	ELIPT 45	ELIPT 55
Body	Body and frame in injected die-cast aluminium. Spun aluminium dome	
Bowl	ORALED module: PMMA / REOLED module : PC	
Mechanical impact protection code	ORALED module: IK 08 / Module REOLED : IK 10	
Waterproofing	IP 66 waterproofing in accordance with the standard EN 60 529. Extruded pneumatic silicone gasket. Cable gland with anchoring device. Breathing system with activated carbon filter	
Mounting	**LRL:** side entry with plain swivel joint coupled with sleeve for bracket end with external Ø 60 mm. Tilts from -90° to + 90° / **LRM:** Elipt Smooth Lateral Ball with wrapping sleeve for the end of the cross-arm Ø 60 mm and Ø 42 mm outside / **LR:** Elipt side entry with swivel joint and Ø ¾" thread for female boss welded onto pole or bracket. Tilts from -90° to + 90° / **Top or Bitop** fitting for pole Ø 60/62 mm / l=100 mm. For pole Ø 76 mm top, optional spigot A (see page 278) Luminaire tilted at 0° and 10° / **LL:** side entry coupled with sleeve for bracket end with external Ø 60 mm / Cast aluminium **plate** / Cast aluminium **wall bracket** / **SR:** suspended with swivel joint / **CATELUX:** with SM Ø 27 pdg (G3/4") fixation. 5 to 14 mm diameter mechanical cable / **SCO:** catenary mounting. 5 to 14 mm diameter mechanical cable	
Dimensions	Ø455 x 175 mm	Ø555 x 215 mm
Weight	9,9 kg	13,7 kg
Windage area	0,07 m²	0,09 m²
Class	Classe I or II	
Ambient temperature	- 40°C to + 55°C	

MAINTENANCE

Maintenance	Opening of the luminaire by 3 quarter-turn screws.The module swivels around a hinge in aluminium. Removable modules

SOURCES LED

Sources	ORALED (12 to 36 LED) / BLS Strips (8 to 72 LED)
Colour temperature (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	3 x symetrical lenses (ECL, ECa, ECb) 7 x asymetrical lenses (ERE, ERS, ERL, LRS, LRL, LRM, ETS) 3 x floodlight lenses (PFA, PSa, PAa) 2 x crossing lenses (EPG, EPD) 2 types of backlight shield (option)
Photobiology	RG1 (3000 K)

PERFORMANCES

	ELIPT 45 ORALED - (26 LED)			ELIPT 55 REOLED - 6BLS12 (48 LED)		
	Flux (A) at 700 mA (lm)	Power (B) (W)	Efficiency (lm/W)	Flux (A) at 700 mA (lm)	Power (B) (W)	Efficiency (lm/W)
4000 K	8478	56	151	18896	145	130
3000 K	8221	56	147	18324	145	126
2700 K	7450	56	133	16606	145	115
2400 K	6808	56	122	15174	145	105
2200 K	6679	56	119	14888	145	103

(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. This information may be modified, especially regarding LED ongoing evolution. Non Contractual Document.

DRIVER

Power	230 V / 240 V - 50 Hz / 60 Hz / pSurge protection 10Kv
Brand	Philips Xitanium Full Prog or OSRAM 4 DIM - option SR and DEXAL
Power factor	90% minimum
Total harmonic distortion	15% max
Current	Dimmable current up to 700 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. NEMA 7-pin also available
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 Output (CLO) Adjustable driver (POLEDRIVE)
Local Network	Luminaires group: detection through ZIGBEE 3.0 communication protocol 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

WARRANTY

According to our general sales conditions

Mechanical parts	12 years
Electrical parts	5 years : 4300 hours by year
Painting	5 years

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