

SMART (options)

| | |
|--|---|
| Smart-ready® (ZD4i) | ✓ |
| Dimming | ✓ |
| (bluetooth /GPS, post foot, programming) | ✓ |
| Detection | ✓ |
| Moonlight technology | ✓ |
| Tunable white options | ✓ |
| WIZARD management system | ✓ |

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 | ELIPT 55 |
| Housing | Body and frame in injected die-cast aluminium Spun aluminium dome |
| Bowl | PC |
| Mechanical impact | ORALED : IK 08 - REOLED : 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) | Ø 555 x 215mm |
| Weight | 13,7 kg |
| Windage area | 0,09 m² |
| Electrical class | I or II |
| Ambient temperature | - 40°C to + 55°C |
| Pre-wired | In option |
| Material assessment | Available in the PEP Product Environmental Profile sheets |

MECHANICAL INTERFACES

LRL: side entry with plain swivel joint coupled with sleeve for bracket end with external

LRM: Elipt Smooth Lateral Ball with wrapping sleeve for the end of the cross-arm Ø 60mm and Ø 42mm outside

LR : Elipt side entry with swivel joint and Ø 3/4" thread for female boss welded onto pole or bracket

Top/bitop : fitting for pole Ø60/62mm/ l=100mm. Fir pole Ø 76mm top, optional spigot A, Luminaire tilted at 0° and 10°

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

Cast aluminium **plate**

Cast aluminium **wall**

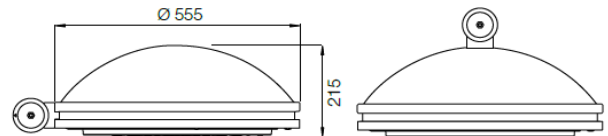
SR :suspended with swivel joint

CATELUX : with SM Ø 27 PDG fixation. 5 to 14mm diameter mechanical cable.

SCO : catenary mounting. 5 to 14mm diameter mechanical cable

HARD WIRED

Elipt 55 - ORALED 2



LED SOURCES

| | |
|--|--|
| Sources | ORALED (36 LED) / REOLED (24 à 72 LED) |
| Colour temperature (K) | ORALED: 3000 K (U500=11%), 4000 K (U500=17%) (others upon demand) REOLED : Ambre/"1800 K" (U500=1%), 2200 K (U500=6%), 2700 K (U500=10%), 3000 K (U500=11%), 4000 K (U500=17%) (others upon demand) |
| CRI | > 70 (others upon demand) |
| Luminaire SDCM | <4 |
| LED lifespan | L90 > 100 000 h |
| Optics and light distribution options* | 3 symetrical lenses (ECL, ECa, ECb) 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

PERFORMANCES MAX.

| | ELIPT 55 REOLED 2_6 BLS 12 (72 LED) | | |
|----------------|-------------------------------------|------------------------------|-------------------|
| | Flux ^(A) à 700 mA (lm) | Puissance ^(B) (W) | Efficacité (lm/W) |
| 4000 K | 23515 | 145 | 162 |
| 3000 K | 23501 | 145 | 162 |
| 2700 K | 20490 | 145 | 141 |
| 2200 K | 19135 | 145 | 132 |
| Ambre/"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

MAINTENANCE

Maintenance

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



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 |
| Protocol | DALI or 1-10V |

* I>700mA on request

STANDARD / MARKING / CERTIFICATIONS

| | |
|--|--|
| Compliance | <u>CE, marking requirements :</u> 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 calculations issued |
| REACH | Products conformity regularoty management of chemicals |
| WEEE | (Waste Electrical and Electronic Equipment) Manufacturer involvement |
| ECOSYSTEM | ECLATEC, adhering member |
| ENEC/ENEC+ | ENEC certified |

WARRANTY

See our general sales conditions on our website