



### SMART (options)

Smart-ready® (ZD4i)	✓
Dimming	✓
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](http://www.eclatec.com)

### DESCRIPTION

Product	ELIPT 45
Housing	Body and frame in injected die-cast aluminium Spun aluminium dome
Bowl	PPMA
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 455 x 175mm
Weight	9,9 kg
Windage area	0,07 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 Ø 60mm. Tilts from -90° to +90°

**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**

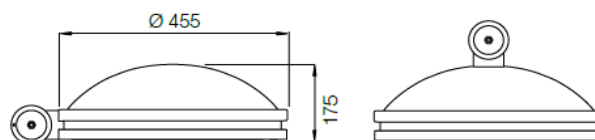
Cast aluminium **wall**

**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



### LED SOURCES

Sources	ORALED (12 à 26 LED) / REOLED (8 à 36 LED)
Colour temperature (K)	<b>ORALED:</b> 2700 K (U500=10%), 3000 K (U500=11%), 4000 K (U500=17%) (others upon demand) <b>REOLED :</b> 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 symmetrical lenses (ECL, ECa, ECb) 7 asymmetrical 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 45 REOLED (36LED)		
	Flux <sup>(A)</sup> at 700 mA (lm)	Power <sup>(B)</sup> (W)	Efficiency (lm/W)
4000 K	11975	75	160
3000 K	11642	75	155
2700 K	10644	75	142
2200 K	9647	75	129
Ambre / "1800 K"	7983	75	106

(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	<b>CE, marking requirements :</b> 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
	<b>Eligibility for Energy-saving certificates</b> C.E.E, RES-EC-103, RES-EC 104 sheets
	<b>NF EN 13201</b> In accordance with the lighting calculations issued
	<b>REACH</b> Products conformity regularoty management of chemicals
<b>WEEE</b>	(Waste Electrical and Electronic Equipment) Manufacturer involvement
<b>ECOSYSTEM</b>	ECLATEC, adhering member
<b>ENEC/ENEC+</b>	ENEC certified

WARRANTY

See our general sales conditions on our website