



ELIPT

Luminaire design: Jean-Michel Wilmotte

ELIPT is a well-bred luminaire, a cross between deep appreciation of the lines and rigorous control of its volumes. Associated with a rich combination of cross-arms, **ELIPT** maintains a timeless balance under all circumstances.

Its subtle modernism is most welcome in all contexts, bringing energy and dynamism.

ELIPT accepts **ORALED** modules 1 and 2 or **REOLED** modules 1 and 2. In X version, **ELIPT** receives **XEOLED** modules 1 and 2.

The luminaire is associated with a rich choice of rods and cross-arms.



ORALED MODULE



REOLED MODULE



XEOLED MODULE



INTEGRATED BLS STRIPS



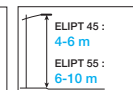
Elipt Top



Elipt Top



Elipt on Architek bracket

**ELIPT 45** With ORALED 1 module**ELIPT 55** With REOLED 2 module

APPLICATIONS

- Mounting: top, bitop and side entry
- Elipt 45: Pedestrian areas, cycle paths, residential areas, street lighting
Elipt 55: Roads, secondary urban and inter-urban streets
- Recommended heights: Elipt 45: 4 to 6 m / Elipt 55: 6 to 10 m

DESCRIPTION

- Luminaire available in 2 sizes: Elipt 45 and Elipt 55
- Body and frame in injected die-cast aluminium
- Spun aluminium dome
- Polyester powder coating, any colour available
- IP 66
- Class I or II
- 2 types of sources:
 - **ORALED** 1 and 2 modules:
 - equipped with an **ORALENS** mono lens in PMMA, IK 08, module colour grey 2150 sanded or 2900 sanded
 - colour temperature: 3000 K or 4000 K
 - **REOLED** 1 and 2 modules:
 - equipped with BLS with **QUADRALENS** lenses and PC bowl, IK 10, module colour grey 2900 sanded
 - colour temperature: 2400 K, 2700 K, 3000 K or 4000 K

CITIZEN REFERENCE POINTS

- Materials used:
 - Elipt 45: Aluminium 84%, Other 9%, Steel 4%, Plastic 3%
 - Elipt 55: Aluminium 86%, Other 7%, Steel 4%, Plastic 3%
- Complies with the RoHS directive
- High recyclability rate

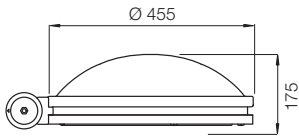
WATERPROOFING

- 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

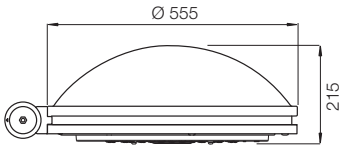
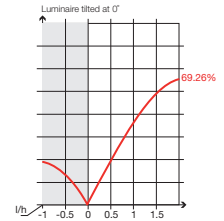
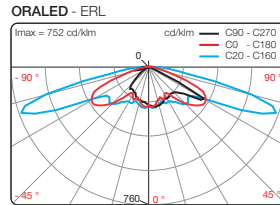
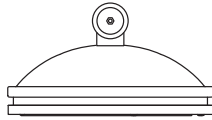
MECHANICAL INTERFACES

- **LRL**: Elipt side entry with plain swivel joint coupled with sleeve for bracket end with external Ø 60 mm. Tilts from -90° to +90° (see page 278 - E, F)
- **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 3/4" thread for female boss welded onto pole or bracket. Tilts from -90° to +90° (see page 278 - G)
- **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**: Elipt side entry coupled with sleeve for bracket end with external Ø 60 mm (see page 278 - E, F)
- Elipt on cast aluminium plate (see page 278 - J)
- Elipt on cast aluminium wall bracket
- **SR**: Elipt suspended with swivel joint (see page 278 - H)
- **CATELUX**: Elipt with SM Ø 27 pdg (G3/4") fixation. Fixation on 5 to 14 mm diameter mechanical cable
- **SCO**: Elipt on catenary mounting. Attachment on 5 to 14 mm diameter mechanical cable

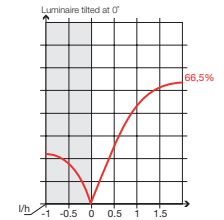
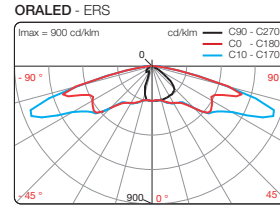
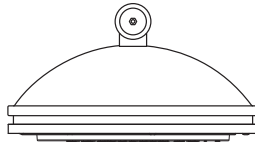




Elipt 45 - REOLED



Elipt 55 - ORALED



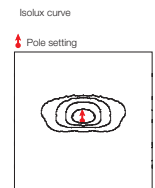
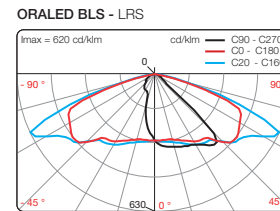
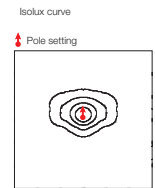
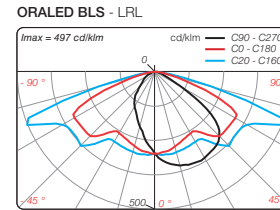
KEY POINTS

	ELIPT 45	ELIPT 55	
Applications	Pedestrian areas, cycle paths, residential areas, street lighting	Roads, secondary urban and inter-urban streets	
Recommended heights	4 to 6 m	6 to 10 m	
Mounting	See Mechanical interfaces		
Dimensions	\varnothing height		
	455 mm / 175 mm	555 mm / 215 mm	
Weight	9,9 kg	13,7 kg	
Windage area	0,07 m ²	0,09 m ²	
Sources	ORALED 1 REOLED 1	ORALED 2 REOLED 2	
Sources access	Removable ORALED and REOLED modules		
Optics and light distribution options	ORALENS: ECL, ERS, ERL, LRM QUADRALENS⁽¹⁾: ERS, ERL, ECa, LRS, LRL, ERE, ETS, PFA, EPD, EPG	ORALENS: ERS, ERL, LRM, LRE QUADRALENS⁽¹⁾: ERS, ERL, ERE, LRS, LRL, PFA, ECa	
Power supply current (mA)	100 to 700 mA		
OPTIONS	Backlight shield⁽¹⁾ (factory or site assembly)	<input type="radio"/>	<input type="radio"/>
	SMART-READY[®] (2) by Eclatec (construction)	<input type="radio"/>	<input type="radio"/>
	DALI (construction)	<input type="radio"/>	<input type="radio"/>
	Dimming 5 (preset)	<input type="radio"/>	<input type="radio"/>
	CLO (preset)	Compatible with standard version, Dimming 5, Motion 5 or DALI option	
	Motion 5 (setting on site)	<input type="radio"/>	-
	Motion (setting on site)	<input type="radio"/>	-
	Motion DALI (set in the bottom of the pole)	<input type="radio"/>	-
	Motion P (set in the bottom of the pole)	<input type="radio"/>	<input type="radio"/>
	Motion COM (setting on site)	<input type="radio"/>	-
POLEDRIVE (set in the bottom of the pole)	<input type="radio"/>	<input type="radio"/>	

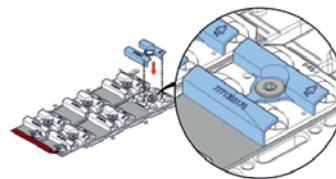
(1) Backlight shield optional except for EPD, EPG, ECa * Option only available with BLS STRIPS
(2) Preconfigured communicating system: Wired Sensor Ready type driver and Zhaga consortium base. Be sure to hold the connector when installing the module

Glossary:
● Standard ○ Option - Not available

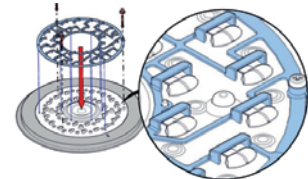
E/L/P: Lighting/Luminance/Projection, **R/C/T/F/P:** Road/Circulation/Path/Beam/Pedestrian walkway, **E/S/L/A/D/G:** Narrow/Standard/Wide/Asymmetric/Right/Left, **POLEDRIVE:** preset at the bottom of the pole / night dimming calculator with 2 configurable thresholds, set in the bottom of the pole, **Dimming 5:** night dimming calculator with 5 configurable thresholds, **Motion:** moving sensor, **Motion P:** Configurable offset presence detector at the foot of the pole, **Motion DALI:** Detector integrated to the luminaire, adjustable at pole base, **Motion 5:** Motion sensor and dimming calculator, **Motion COM:** Wireless detection and communication, **DALI:** compatible with the DALI protocol, **CLO:** Constant Lumen Output option



BACKLIGHT SHIELD



Backlight shield REOLED version



Backlight shield ORALED version

MAINTENANCE

Opening and closing

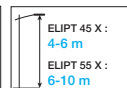
Opening of the luminaire by 3 quarter-turn screws. The module swivels around a hinge in aluminium.



LED module maintenance

Direct access to the module, removable. Power supply by quick connectors





ELIPT 45 X



ELIPT 55 X



APPLICATIONS

- Mounting: top, high and lateral
- Elipt 45 X: Pedestrian areas, cycle paths, residential areas, street lighting
Elipt 55 X: Roads, secondary urban and inter-urban streets
- Recommended heights: Elipt 45 X: from 4 to 6 m / Elipt 55 X: from 6 to 10 m

DESCRIPTION

- Luminaire available in 2 sizes: Elipt 45 X and Elipt 55 X
- Body, cover, flaps and module in injection moulded aluminium
- Polyester powder coating, any colour available
- IP 66
- **XEOLED** 1 and 2 modules equipped with BLS with **QUADRALENS** lenses
- Colour temperature: 2400 K, 2700 K, 3000 K or 4000 K
- Bowl in thermally tempered glass
- **IK 10** for Elipt 45 X, **IK 08** for Elipt 55 X
- Class I or II

CITIZEN REFERENCE POINTS

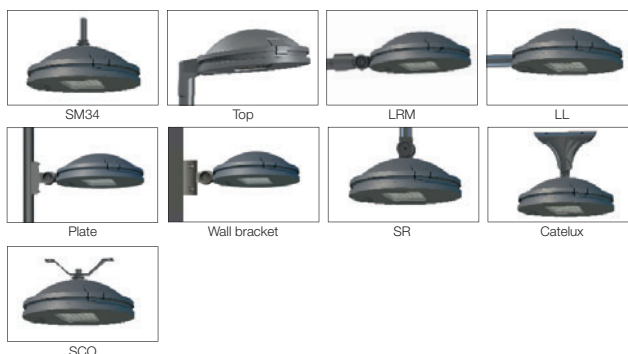
- Materials used:
 - Elipt 45 X: Aluminium 75%, Acier 8%, Verre 6%, Autres 11%
 - Elipt 55 X: Aluminium 73%, Acier 5%, Verre 12%, Autres 10%
- Complies with the RoHS directive
- High recyclability rate

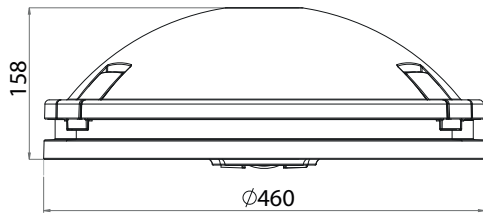
WATERPROOFING

- 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

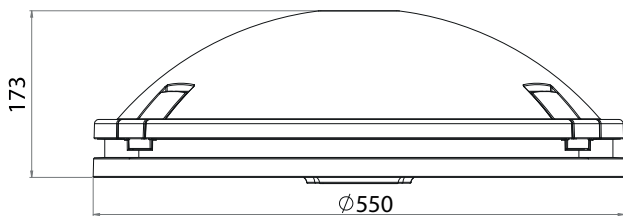
MECHANICAL INTERFACES

- SM34: High mounting for 34Pdg ball
- TOP: wrapping for Ø 60/62 mm pole / l=100 mm
For standard Ø 76 mm pole, special tip available as an option
luminaire tilt at 0° and 10°
- LRM: Elipt X Smooth Lateral Ball with wrapping sleeve for the end of the cross-arm
Ø 60 mm outside and Ø 42 mm
- 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: SM Ø27 pdg fixation. Fixation on 5 to 14 mm diameter mechanical cable
- SCO: Catenary mounting. Fixation on 5 to 14 mm diameter mechanical cable



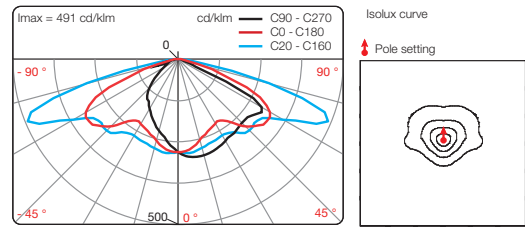


ELIPT 45 X

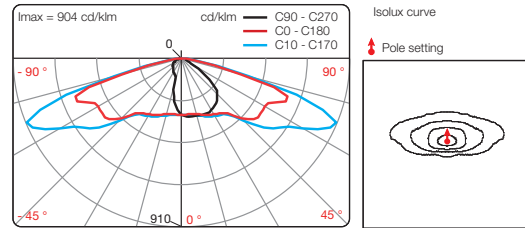


ELIPT 55 X

ELIPT X - ERL



ELIPT X - ERS



KEY POINTS

	ELIPT 45 X	ELIPT 55 X	
Applications	Pedestrian areas, cycle paths, residential areas, street lighting	Roads, secondary urban and inter-urban streets	
Recommended heights	4 to 6 m	6 to 10 m	
Mounting	top, high and lateral		
Dimensions	Ø height		
	460 mm 158 mm	550 mm 173 mm	
Weight	9,1 kg	12,3 kg	
Windage area	0,07 m ²	0,09 m ²	
Sources	XEOLED 1	XEOLED 2	
Sources access	Opening and replacement without tools of the equipment or the LED module		
Optics and light distribution options	QUADRALENS		
Power supply current (mA)	ERS, ERL, ERE, ETS, ECa, LRS, LRL, PFA, EPD, EPG	ERS, ERL, ERE, LRS, LRL, PFA, ECa	
OPTIONS	Backlight shield⁽¹⁾ (factory or site assembly)	○	○
	SMART-READY[®] (2) by Eclatec (construction)	○	○
	DALI (construction)	○	○
	Dimming 5 (preset)	○	○
	CLO (preset)	Compatible with standard version, Dimming 5 or DALI option	
	Motion COM (setting on site)	○	○
	Motion P (set in the bottom of the pole)	○	○
	POLEDRIVE (set in the bottom of the pole)	○	○

(1) Backlight shield optional except for EPD, EPG, ECa

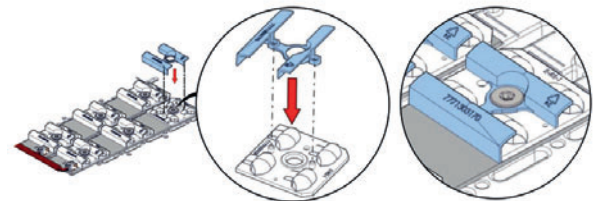
(2) Preconfigured communicating system: Wired Sensor Ready type driver and Zhaga consortium base

Glossary:

- Standard ○ Option - Not available

E/L/P: Lighting/Luminance/Projection, **R/C/T/F/P:** Road/Circulation/Path/Beam/Pedestrian walkway, **E/S/L/A/D/G:** Narrow/Standard/Wide/Asymmetric/Right/Left, **POLEDRIVE:** preset at the bottom of the pole / night dimming calculator with 2 configurable thresholds, set in the bottom of the pole, **Dimming 5:** night dimming calculator with 5 configurable thresholds, **Motion:** moving sensor, **Motion P:** Configurable offset presence detector at the foot of the pole, **Motion DALI:** Detector integrated to the luminaire, adjustable at pole base, **Motion 5:** Motion sensor and dimming calculator, **Motion COM:** Wireless detection and communication, **DALI:** compatible with the DALI protocol, **CLO:** Constant Lumen Output option

BACKLIGHT SHIELD



Backlight shield XEOLED version

MAINTENANCE

Opening and closing

The luminaire cover can be opened without tools using the 2 flaps {1} The luminaire is held in the open position by a safety prop. {2}



Source maintenance

Automatic cutting of the power supply when the luminaire is opened by a dedicated ECLATEC connector
Quick electrical disconnection without tools.
Equipment circuit board removable onsite without tools
Complete LED module removable onsite without tools {3, 4}





ECLATEC

led verlichting

banken

afvalbakken

custom made producten

houten lichtmasten

stalen lichtmasten

solar verlichting

lichtzuilen

bandstand

boomroosters

plantenbakken

fietsrekken

klassieke lichtmasten

openbare verlichting

terrein verlichting

afzetzpalen

standbeelden

kunst

bollards

fonteinen

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