



TEO

Design luminaire: Jean-Michel Wilmotte

Three decades ago, the WILMOTTE firm designed the ELIPT luminaire, an example of balance that became the icon of street lighting: the many versions of this timeless street lamp are still the preferred choice of urban planners and operators alike.

In 2019, the WILMOTTE firm decided to extend this urban adventure by designing the **TEO** streetlight. **TEO** perpetuates the main ELIPT qualities updated with the best current trends and technology.

TEO's well designed and fluid qualities will make it a must for urban development. A wide range of mast arms and accessories completes the offer.

TEO is available in an S and X version for both sizes.



INTEGRATED BLS STRIPS



TEO MODULE



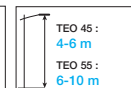
Teo on Para bracket



Teo on KC bracket



Teo on Architek bracket



TEO 45 S



TEO 55 X



APPLICATIONS

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

DESCRIPTION

- 2 sizes available: Teo 45 and Teo 55
- Body, cover and swivel joint in injected die-cast aluminium
- Polyester powder coating, any colour available
- IP 66
- 2 types of sources:
 - TEO** modules (ORALED type):
 - equipped with an **ORALENS** mono lens
 - colour temperature: 3000 K ou 4000 K
 - Standard BLS LED strips:
 - equipped with an **QUADRALENS** lenses
 - colour temperature: 2400 K, 2700 K, 3000 K or 4000 K
- Silkscreen printed, thermally toughened flat glass
- **IK 09** for Teo 45, **IK 08** for Teo 55
- Class I or II

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

CITIZEN REFERENCE POINTS

- Materials used:
 - Teo 45: Aluminium 59%, Steel 8%, Glass 20%, Other 10%, Plastic 3%
 - Teo 55: Aluminium 60%, Steel 7%, Glass 22%, Other 8%, Plastic 3%
- Complies with the RoHS directive
- High recyclability rate

MECHANICAL INTERFACES

- **LRL**: Teo side entry with plain swivel joint coupled with sleeve for bracket end with external Ø 60 mm. (see page 278 - E, F)
- **LL**: Teo side entry coupled with sleeve for bracket end with external Ø 60 mm (see page 278 - E, F)
- **Top**: fitting for pole Ø 60/62 mm
For pole Ø 76 mm top, optional spigot A (see page 278)
Luminaire tilted at 5°
- Teo on cast aluminium plate (see page 278 - J)
- Teo on cast aluminium wall bracket



LRL



LL



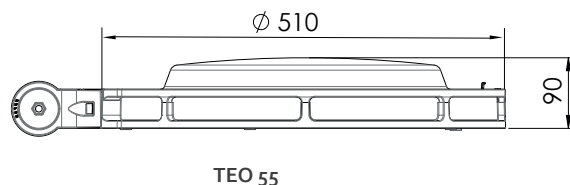
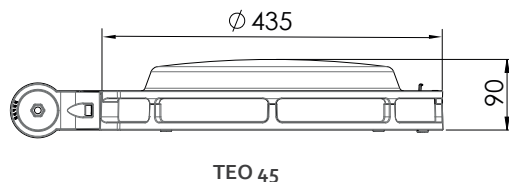
Top fixation



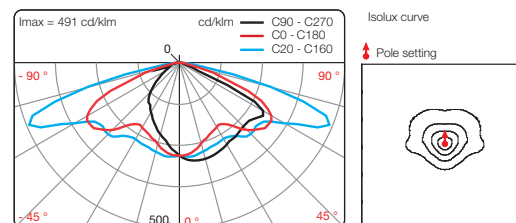
Plate



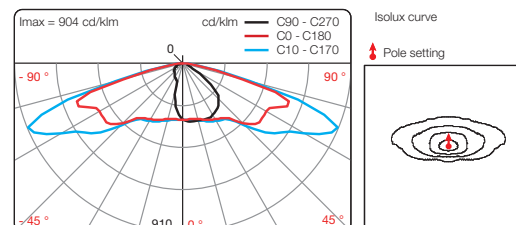
Wall-mounted bracket



TEO - ERL



TEO - ERS



KEY POINTS

		TEO 45	TEO 55
Mounting		top and side entry	
Dimensions	Ø	435 mm	510 mm
	height	90 mm	90 mm
Weight		8,6 kg	10,7 kg
Windage area		0,10 m²	0,13 m²
Sources		TEO 1 (type ORALED 1)	TEO 2 (type ORALED 2)
Sources access		Removable TEO modules (ORALED type) and BLS	
Optics and light distribution options		ORALENS: ECL, ERS, ERL, LRM	ORALENS: ERS, ERL, LRM, LRE
		QUADRALENS : ERS, ERL, ECa, LRS, LRL, ERE, ETS, PFA, EPD, EPG	QUADRALENS: 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, Motion 5 or DALI option	
	Motion 5 (setting on site)	○	-
	Motion (setting on site)	○	-
	Motion DALI (set in the bottom of the pole)	○	○
	Motion P (set in the bottom of the pole)	○	-
	Motion COM (setting on site)	○	○
	POLEDRIIVE (set in the bottom of the pole)	○	○

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

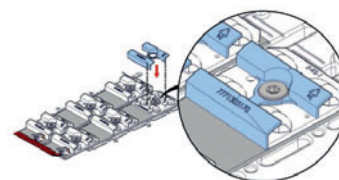
(2) Preconfigured communicating system: Wired Sensor Ready type driver and Zhaga consortium base

Glossary:

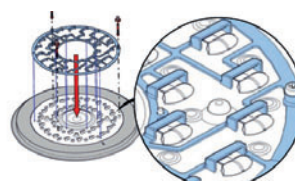
● Standard ○ Option - Not available

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, **POLEDRIIVE:** 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 BLS version



Backlight shield ORALED version

MAINTENANCE

Teo 45 S, 55 S equipment and source maintenance {1}

Direct access to the power supply after removing the cover using 4 captive screws (safety line)

Access to the LED sources after removal of the cover (safety line)

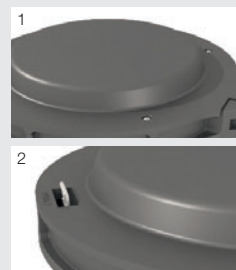
Teo 45 X, 55 X equipment and source maintenance {2}

The articulated cover opens without tools by pressing the tab: direct access to the power supply

The luminaire is held in the open position by a safety prop.

Quick electrical disconnection without tools. Equipment circuit board removable onsite without tools

Access to the LED sources after removing the bowl (holding line)





led verlichting

banken

afvalbakken

custom made producten

houten lichtmasten

stalen lichtmasten

solar verlichting

lichtzuilen

bandstand

boomroosters

plantenbakken

fietsrekken

klassieke lichtmasten

openbare verlichting

terrein verlichting

afzetpalen

standbeelden

kunst

bollards

fonteinen

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