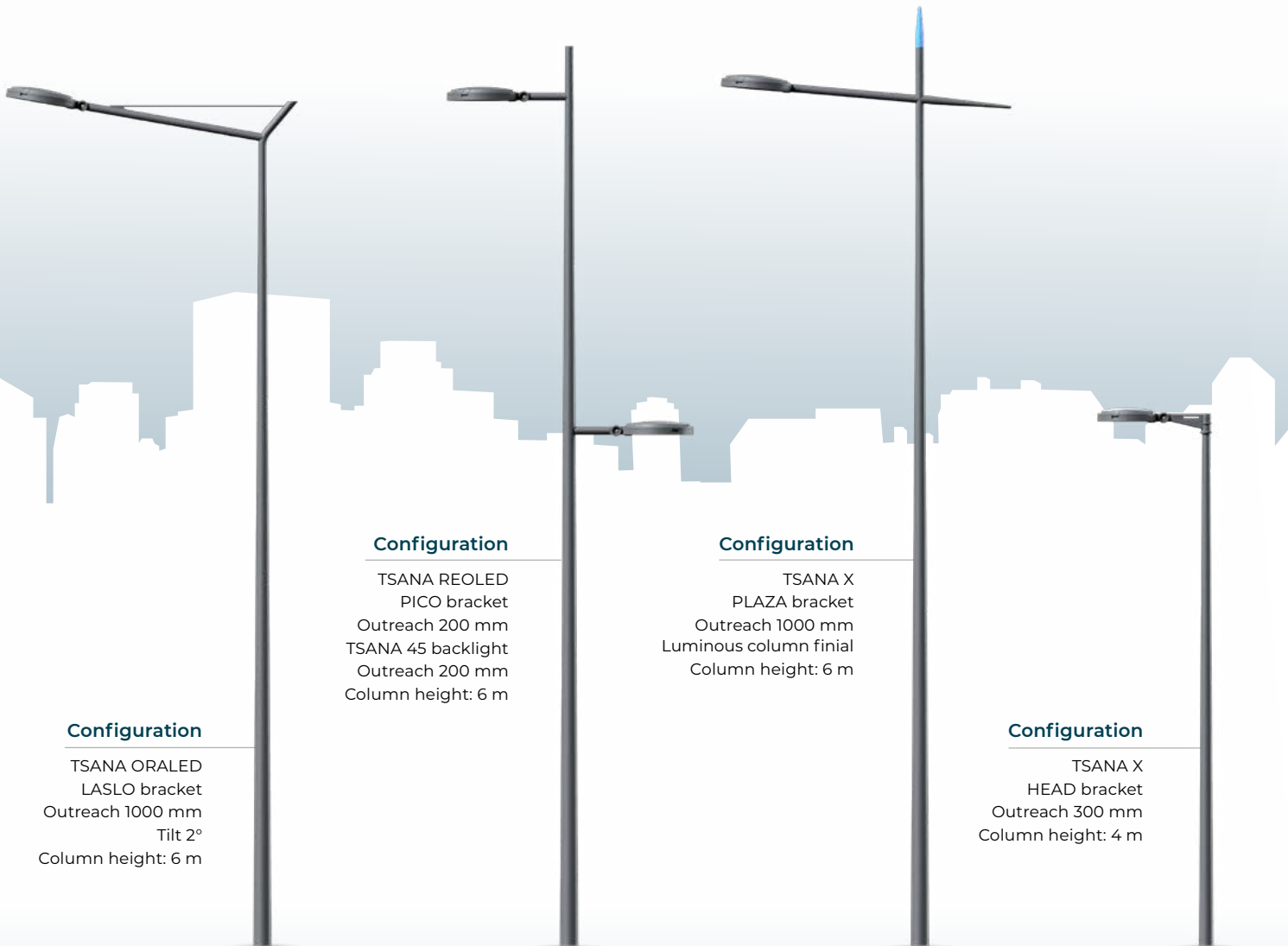


TSANA

Design: ECLATEC





Configuration

TSANA ORALED
LASLO bracket
Outreach 1000 mm
Tilt 2°
Column height: 6 m

Configuration

TSANA REOLED
PICO bracket
Outreach 200 mm
TSANA 45 backlight
Outreach 200 mm
Column height: 6 m

Configuration

TSANA X
PLAZA bracket
Outreach 1000 mm
Luminous column finial
Column height: 6 m

Configuration

TSANA X
HEAD bracket
Outreach 300 mm
Column height: 4 m

TSANA

Design: ECLATEC



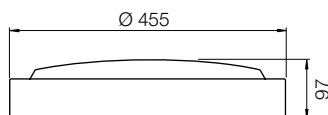
TSANA 45
Presented with ORALED 1

DESCRIPTION

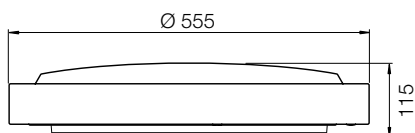
Product name	TSANA 45	TSANA 55
Housing	Body and frame in injected die-cast aluminium Spun aluminium dome	
Bowl	ORALED: in PMMA / REOLED: in PC	
Finish	Polyester powder coating, any colour available	
Impact protection	ORALED: IK 08 / REOLED: IK 10	
Ingress Protection	IP66 Extruded silicone gasket Cable gland with anchoring device Breathing system with activated carbon filter	
Dimensions (dia x h)	455 x 97 mm	555 x 115 mm
Weight	9.9kg	13.7kg
Windage area	0.05m ²	0.06m ²
Materials used	Aluminium 84% Steel 4% Plastic 3% Other 9%	Aluminium 86% Steel 4% Plastic 3% Other 7%
Electrical class	Class I or II	

DIMENSIONS

TSANA 45 - REOLED 1



TSANA 55 - ORALED 2





TSANA 55
Presented with REOLED 2

SOURCES & PHOTOMETRIC DISTRIBUTIONS

	TSANA 45	TSANA 55
Sources	ORALED 1	ORALED 2
	REOLED 1	REOLED 2
Colour temperature	ORALED: 3000 K or 4000 K REOLED: Amber*, 2200 K, 2400 K, 2700 K, 3000K, 4000 K	
Module color	ORALED: Grey 2150 or 2900 REOLED: Grey 2900	
Optical Distribution	ORALENS: ECL, ERS, ERL, LRM	ORALENS: ERS, ERL, LRM, LRE
	QUADRALENS: ERS, ERE, ERL, ECa, LRL, LRS, ETS, PFA, EPD, EPG	QUADRALENS: ERS, ERE, ECa, LRS, LRL, ETS, PFA
Backlight shield option	Medium or strong cut-off	
Power supply current	Adjustable up to 700 mA ⁽¹⁾	

⁽¹⁾ Approx. 1800K, only on BLS12 as standard ⁽¹⁾ >700mA possible on request
E/L/P: Lighting/Luminance/Projection, **R/C/T/F/P:** Road/Circular/Pavement/Beam/Zebra crossing,
E/S/L/A/D/G: Narrow/Standard/Wide/Asymmetrical/Right/Left



ORALED module



REOLED module

OPTIONS

	TSANA 45	TSANA 55
At the lighting point		
Adjustable current (driver or bottom of the pole)	✓	✓
Dimming (driver, bottom of the pole or Bluetooth)	✓	✓
Built-in detection	✓	-
Remote detection	✓	✓
DALI protocol	✓	✓
Smart-Ready® configuration (ZD4i)	✓	✓
In a local network		
Communicating detection with pilot wire	✓	✓
Wireless communication sensing	✓	✓
Remote management		
WIZARD CMS system	✓	✓

Details of the functions available on pages 272 to 279 and in the LED synopsis located on under the flap on the front cover

MECHANICAL INTERFACES



LRL: Side entry with plain swivel joint coupled with sleeve for bracket end with external Ø 60 mm (cf p 280 - E, F)



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



LLM: Side entry coupled with wrapping sleeve for the end of the cross-arm Ø 60 mm et Ø 42 mm outside



LR: Side entry with swivel joint and Ø 3/4" thread for female boss welded onto pole or bracket (cf p 280 - G)



Top ou bitop: fitting for pole Ø 60/62 mm. For pole Ø 76 mm top, optional spigot A (cf p 280) Luminaire tilted at 0° and 10°



LL: Side entry coupled with sleeve for bracket end with external Ø 60 mm (cf p 280 - E, F)



Cast aluminium **plate** (cf p 280 - J)



Cast aluminium **wall bracket**



Option: specific trim in die cast aluminium for tube exterior Ø 60 mm

MAINTENANCE

Opening and closing Opening of the luminaire by 3 quarter-turn screws {1}
The module swivels around a hinge in aluminium {2}

LED module maintenance Direct access to the module
Power supply by quick connectors
Module removable



TSANA X

Design: ECLATEC



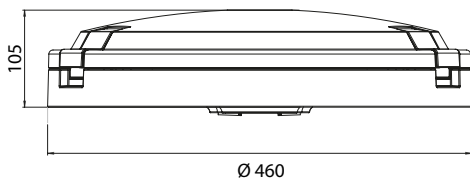
TSANA 45 X

DESCRIPTION

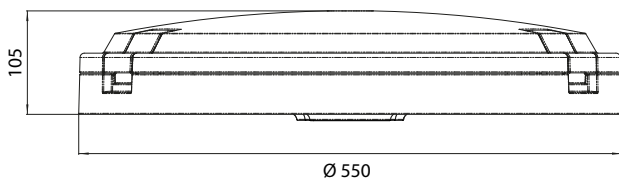
Product name	TSANA 45 X	TSANA 55 X
Housing	Injection die-cast aluminium body	
Bowl	Thermally toughened glass	
Finish	Polyester powder coating, any colour available	
Impact protection	IK 10	IK 08
Ingress Protection	IP66 Extruded silicone gasket Cable gland with anchoring device Breathing system with activated carbon filter	
Dimensions (dia x h)	460 x 105 mm	550 x 105 mm
Weight	9kg	12.5kg
Windage area	0.05m ²	0.07m ²
Materials used	Aluminium 75% Steel 8% Glass 6% Other 11%	Aluminium 73% Steel 5% Glass 12% Other 10%
Electrical class	Class I or II	

DIMENSIONS

TSANA 45 X



TSANA 55 X





TSANA 55 X

SOURCES & PHOTOMETRIC DISTRIBUTIONS

	TSANA 45 X	TSANA 55 X
Sources	XEOLED 1	XEOLED 2
Colour temperature	Amber*, 2200 K, 2400 K, 2700 K, 3000K, 4000 K	
Optical Distribution	QUADRALENS: ERS, ERE, ERL, ECa, LRL, LRS, ETS, PFA, EPD, EPG	QUADRALENS: ERS, ERE, ECa, LRS, LRL, ETS, PFA
Backlight shield option	Medium or strong cut-off	
Power supply current	Adjustable up to 700 mA ⁽¹⁾	

*Approx. 1800K, only on BLS12 as standard (1) >700mA possible on request
E/L/P: Lighting/Luminance/Projection, **R/C/T/E/P:** Road/Circular/Pavement/Beam/Zebra crossing,
E/S/L/A/D/G: Narrow/Standard/Wide/Asymmetrical/Right/Left



XEOLED module

OPTION

	TSANA 45 X	TSANA 55 X
At the lighting point		
Adjustable current (driver or bottom of the pole)	✓	✓
Dimming (driver, bottom of the pole or Bluetooth)	✓	✓
Built-in detection	-	-
Remote detection	✓	✓
DALI protocol	✓	✓
Smart-Ready® configuration (ZD4i)	✓	✓
In a local network		
Communicating detection with pilot wire	✓	✓
Wireless communication sensing	✓	✓
Remote management		
WIZARD CMS system	✓	✓

Details of the functions available on pages 272 to 279 and in the LED synopsis located on under the flap on the front cover

MECHANICAL INTERFACES



LRL: Side entry with plain swivel joint coupled with sleeve for bracket end with external Ø 60 mm (cf p 280 - E, F)



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LLM: Side entry coupled with wrapping sleeve for the end of the cross-arm Ø 60 mm et Ø 42 mm outside



LR: Side entry with swivel joint and Ø ¾" thread for female boss welded onto pole or bracket (cf p 280 - G)



Top ou bitop: fitting for pole Ø 60/62 mm. For pole Ø 76 mm top, optional spigot A (cf p 280) Luminaire tilted at 0° and 10°



LL: Side entry coupled with sleeve for bracket end with external Ø 60 mm (cf p 280 - E, F)



Cast aluminium **plate** (cf p 280 - J)



Cast aluminium **wall bracket**



Option: specific trim in die cast aluminium for tube exterior Ø 60 mm

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 stay (2)

LED module maintenance

Cutting of the power supply when the luminaire is opened by a dedicated ECLATEC connector. Quick electrical disconnection without tools
 Circuit board removable onsite without tools
 Complete LED module removable onsite without tools (3,4)

