ITEM

Design: STOA Architecture

ITEM

ITEM 600
lateral, smooth body

DESCRIPTION:
ECLATEC Item is a versatile luminaire that comes as both a low profile street and area light. Via the addition of a range of mounting and functional components and accesories, Item can be adapted to the needs of any project. The contiguous design permits specifiers to establish a unified look and feel throughout a district. Tool-less entry means easy installation and maintenance. Available in a number of colours and three body trim finishes.

Product name	ITEM 500	ITEM 600
Housing	Die cast aluminium	
Body Trim	SMOOTH, HONEYCOMB or TRAID. Body Customised pattern option (depending on study)	
Bowl	Thermally tempered and screen printed flat glass (VPC)	
Finish	Polyester powder coating, any colour available	
Impact protection	IK10	IK08
Ingress Protection	IP66	
Dimensions (dia x height)	500x103 mm	600x103 mm
Weight	9.7kg	12.2kg
Windage area	0.04m²	0.05m²
Max Power (W)	56W (ORALED 1)	145W (REOLED)
Max Lumens (lm) @ 3000K	8,819lm (ORALED)	24,221lm (BLS)
Backlight Shield Options	Medium or strong cut-off	
Power Supply Current	Adjustable up to 700 mA[1]	

Watts/lumens   Click to view

LED Module
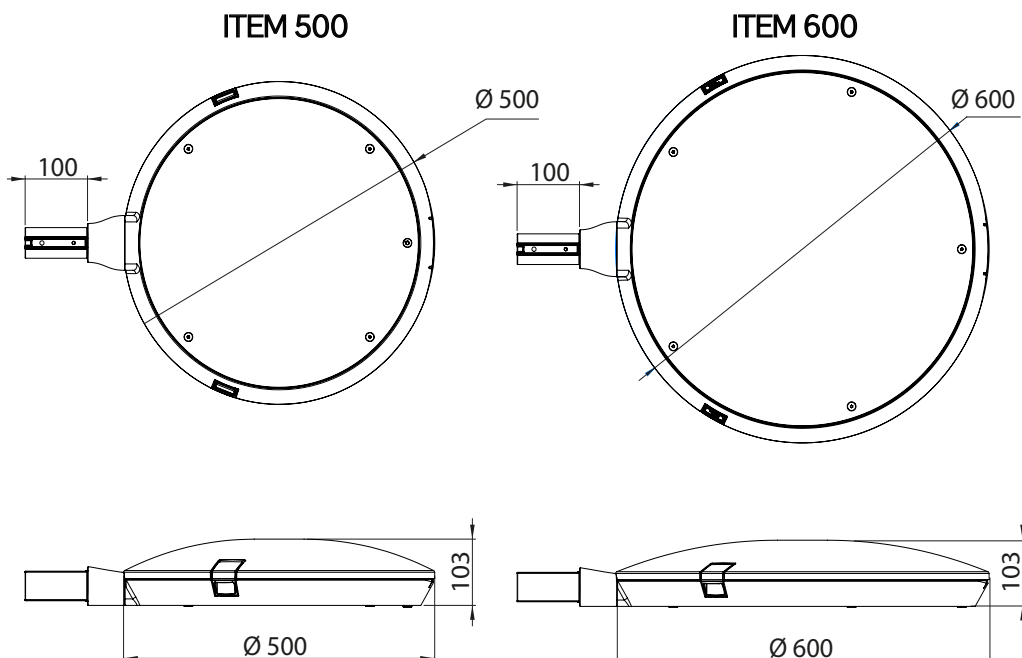(ORALED type)

LED Module
BLS strips

CONTROL OPTIONS
ITEM by Eclatec represents the latest in control systems, both centralised and decentralised. Adjustable current on the driver or at the bottom of the pole. Dimming as above as well as via bluetooth. Both form factors support remote detection while 500 supports built in detection for versions without a frame. Smart-Ready[R] configuration (ZD4i) with double Smart-Ready for versions without a frame. When used with a local network, communication can be detected with a pilot wire and/or wireless communication sensing. Remote management via WIZARD CMS system.

MAINTENANCE
Maintenance is simplified via toolless access to the body and toolless quick electrical disconnection which facilitates circuit board removal on site without tools. Access to the LED sources happens after removal of the bowl.
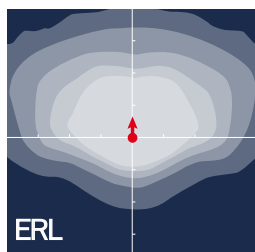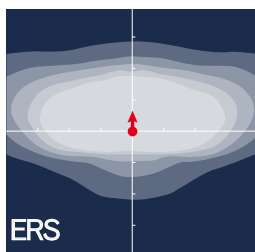
ITEM 500

100

Ø 500

103

Ø 500

ITEM 600

100

Ø 600

103

Ø 600

OPTICAL OPTIONS

	ITEM 500	ITEM 600
Sources	ITEM (ORALED type)	ITEM (ORALED type)
	BLS strips	
Colour temperature	ORALED: 3000 K or 4000 K QUADRALENS: Amber*, 2200 K, 2400 K, 2700 K, 3000 K or 4000 K	
Optical Distribution	ORALENS: ERS, ERL	ORALENS: ERS, ERL
	QUADRALENS: ERS, ERL, PFA, EPD, EPG, ECL, ECa, ETS	QUADRALENS: ERS, ERL , EPD, EPG
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) I>700mA possible on request
E/L/P: Lighting/Luminance/Projection
R/C/T/F/P: Road/Circular/Pavement/Beam/Zebra crossing
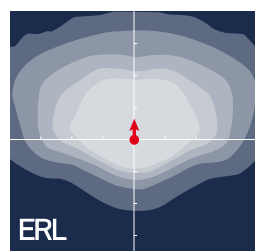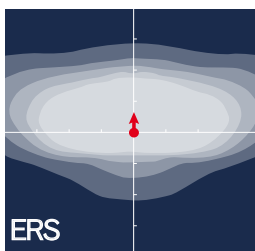E/S/L/A/D/G: Narrow/Standard/Wide/Asymmetrical/Right/Left

ITEM 500 & 600 ORALENS OPTICAL DISTRIBUTIONS

Road type batwing distribution.

ERS

ERL
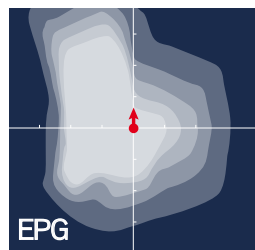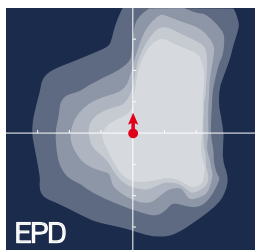
ITEM 500 & 600 QUADRALENS DISTRIBUTIONS

Heavy usage roads, for excellent visual uniformity & user comfort.

ERS

ERL

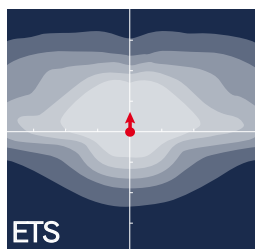Placed upstream of crossing section, in the moving traffic direction.

For 2 way street   + EPD covers 1 way
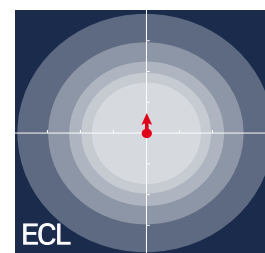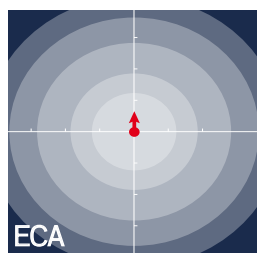
EPD

EPG

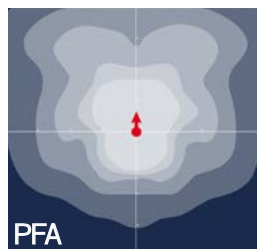## ITEM 500 QUADRALENS OPTICAL DISTRIBUTIONS

Standard Sidewalk illuminance

ETS

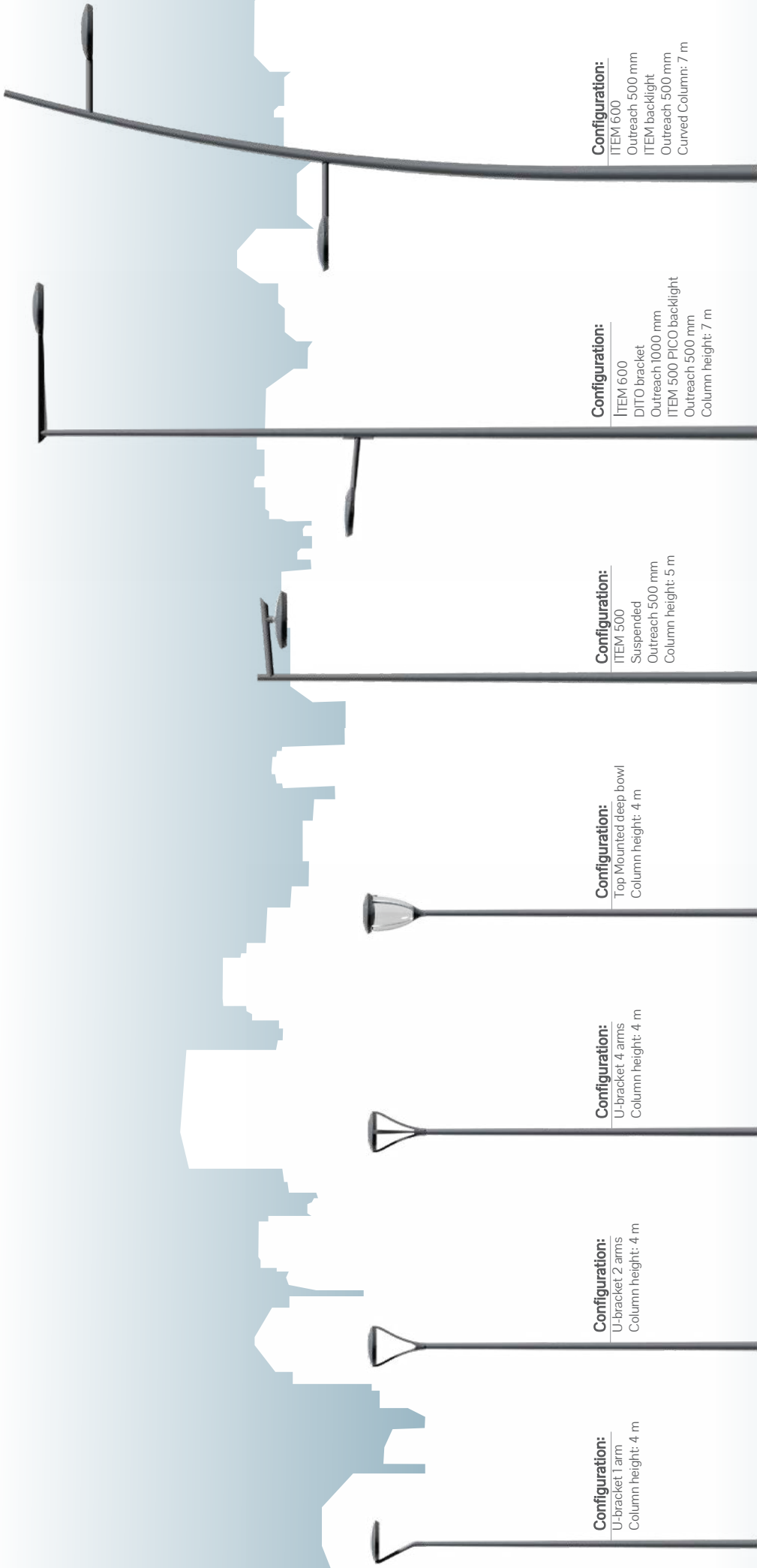Circular illuminance - car park, park etc.

ECA

ECL

Projector beam. Asymmetric projection ≈ CImax = 50° / gImax = 65°

PFA

OTHER **QUADRALENS** DISTRIBUTIONS AVAILABLE UPON REQUEST

Configuration:
U-bracket 1 arm
Column height: 4 m

Configuration:
U-bracket 2 arms
Column height: 4 m

Configuration:
U-bracket 4 arms
Column height: 4 m

Configuration:
Top Mounted deep bowl
Column height: 4 m

Configuration:
ITEM 500
Suspended
Outreach 500 mm
Column height: 5 m

Configuration:
ITEM 600
DITO bracket
Outreach 1000 mm
ITEM 500 PICO backlight
Outreach 500 mm
Column height: 7 m

Configuration:
ITEM 600
Outreach 500 mm
ITEM backlight
Outreach 500 mm
Curved Column: 7 m

ITEMSTREETLIGHT

ITEM 500
lateral, smooth body

MOUNTING BRACKETS

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

LLM 60: Smooth lateral with covering sleeve Ø 60 mm

LR: Side entry with swivel joint and Ø ¾" thread for female boss welded onto pole or bracket

LRL: Side entry with plain swivel joint coupled with sleeve for bracket end with external Ø 60 mm

Top or bi-top: fitting for pole Ø 60/62 mm. For pole Ø 76 mm top, optional spigot A

LTO 60: Directional covering lateral top for Ø 60 mm

SM: Suspended with a threaded Nipple Ø 27 pdg (G3/4") and Ø 34 pdg

Wall mount and pad

DEDICATED BRACKETS
Single or double light bracket, outreach 600 or 1000 mm.
Wall mounted light and backlight, outreach 600 mm.
ATOS bracket tilt 1° - ARTIS and DITO brackets tilt 5°

ATOS
Design: STOA Architecture

ARTIS

DITO

POLE MOUNT ALTERNATIVES

ITEM 500
Suspended
TRAID Body Trim

ITEM 500
Top
SMOOTH Body Trim

ITEM AREA LIGHT

DESCRIPTION

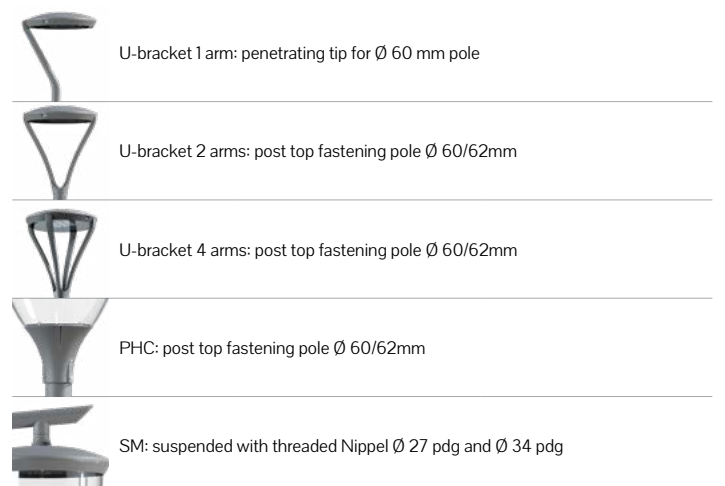|	
Product name	ITEM 500
Housing	Die cast aluminium
Plate	SMOOTH, HONEYCOMB or TRAID plate Customised pattern option (depending on study)
Bowl	Thermally tempered and screen printed flat glass (VPC) Deep clear polycarbonate bowl (PHC), optional internal diffuser
Finish	Polyester powder coating, any colour available
Impact protection	Flat (VPC): IK 09 / Deep bowl (PHC): IK 10
Ingress Protection	IP66 Extruded silicone gasket Cable gland with anchoring device Breathing system with activated carbon filter
Watts/lumens	Click for Data

Dimensions (dia x h)	
U-bracket 1 arm	500 x 671 mm
U-bracket 2, 4 arms	500 x 701 mm
PHC post top	500 x 758 mm
PHC suspended	500 x 714 mm
Weight	
U-bracket 1 arm	10.3kg
U-bracket 2 arms	12.1kg
U-bracket 4 arms	12.4kg
PHC post top	11kg
PHC suspended	11.1kg
Windage area	
U-bracket 1 arm	0.06m²
U-bracket 2 arms	0.07m²
U-bracket 4 arms	0.10m²
PHC post top	0.19m²
PHC suspended	0.19m²
Materials used	ITEM 500 Bowl PHC Aluminium 58% Steel 9% Plastic 26% Other 7%

BODY-TRIM OPTIONS

SMOOTH Body Trim

TRAID Body Trim

HONEYCOMB Body Trim

ITEM 500
U-bracket 1 arm
HONEYCOMB body

ITEM 500
U-bracket 2 arms
SMOOTH body

MECHANICAL INTERFACES

U-bracket 1 arm: penetrating tip for Ø 60 mm pole

U-bracket 2 arms: post top fastening pole Ø 60/62mm

U-bracket 4 arms: post top fastening pole Ø 60/62mm

PHC: post top fastening pole Ø 60/62mm

SM: suspended with threaded Nippel Ø 27 pdg and Ø 34 pdg

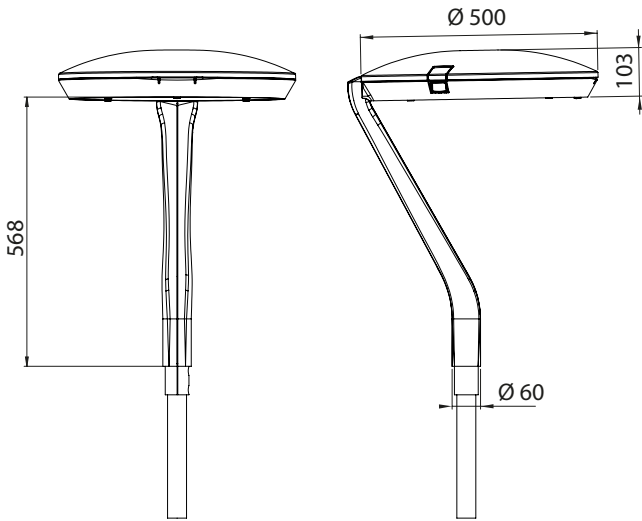ITEM 500
U-bracket 4 arms
TRIAD body

ITEM 500
Post Top PHC bowl
SMOOTH body

ITEM 500
Post Top PHC bowl
SMOOTH body

DIMENSIONS

ITEM U-bracket 1 arm
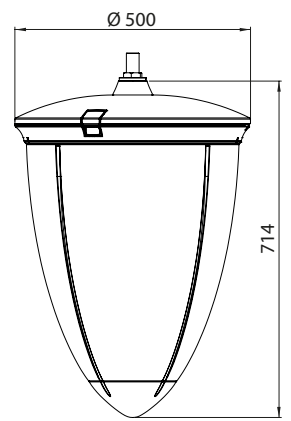

Ø 500
103
568
Ø 60

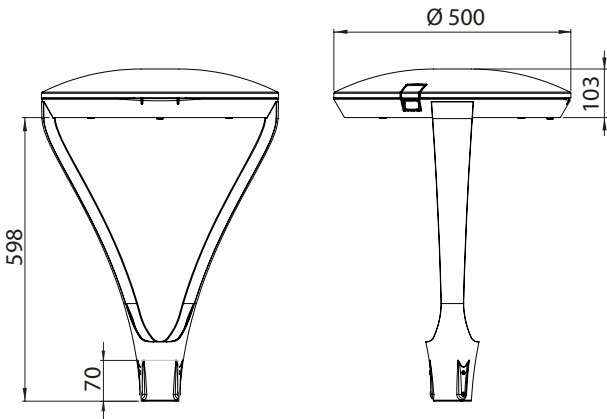ITEM PHC post top

Ø 500
758
72
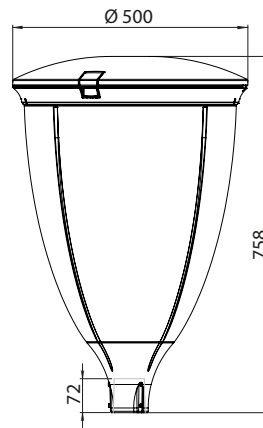
ITEM PHC suspended

Ø 500
714

ITEM U-bracket 2 arms

Ø 500
103
598
70

ACCESSORY

Deep clear polycarbonate bowl (PHC) with internal diffuser

ITEM U-bracket 4 arms

Ø 500
Ø 500
103
598
70

FŌS
l i g h t i n g