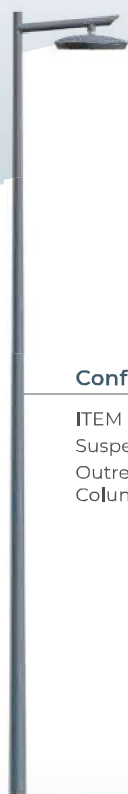


# ITEM

Design: STOA Architecture

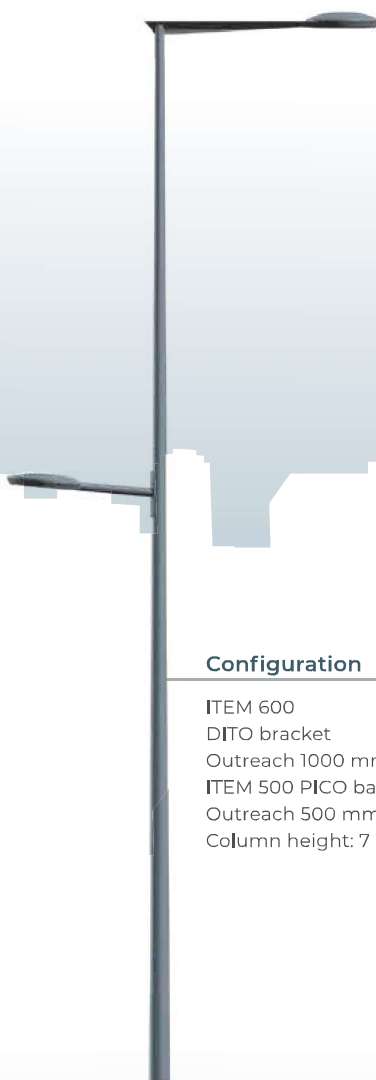


ITEM Presented on a bracket ATOS, design STOA Architecture



#### 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

# ITEM

Design: STOA Architecture



**ITEM 500**  
Lateral  
SMOOTH plate

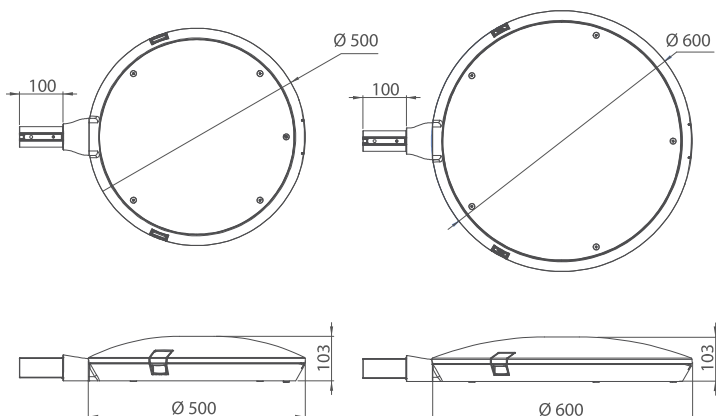
## DESCRIPTION

Product name	ITEM 500	ITEM 600
Housing	Cast aluminium covers, plates and u-bracket	
Plateaux	SMOOTH, HONEYCOMB or TRAIID plate Customised pattern option (depending on study)	
Bowl	Printed thermally toughened flat glass (VPC)	
Finish	Polyester powder coating, any colour available 4 Arm U-bracket version: inner arms in black	
Impact protection	Flat glass (VPC): IK10	Flat glass (VPC): IK08
Ingress Protection	IP66 Extruded silicone gasket Cable gland with anchoring device Breathing system with activated carbon filter	
Dimensions (dia x h)	500 x 103 mm	600 x 103 mm
Weight	9.7kg	12.2kg
Windage area	0.04m <sup>2</sup>	0.05m <sup>2</sup>
Materials used	Aluminium 61% Glass 20% Steel 8% Plastic 2% Other 9%	Aluminium 59% Glass 24% Steel 7% Plastic 3% Other 7%
Electrical class	Class I or II	

## DIMENSIONS

ITEM 500

ITEM 600





**ITEM 500**  
Suspended  
TRAID plate



**ITEM 500**  
Top  
SMOOTH plate

## SOURCES & PHOTOMETRIC DISTRIBUTIONS

	ITEM 500	ITEM 600
<b>Sources</b>	ITEM (ORALED type) BLS strips	ITEM (ORALED type)
<b>Colour temperature</b>	<b>ORALED:</b> 3000 K or 4000 K <b>QUADRALENS:</b> Amber*, 2200 K, 2400 K, 2700 K, 3000 K or 4000 K	
<b>Optical Distribution</b>	<b>ORALENS:</b> ECL, ERS, ERL, LRM	<b>ORALENS:</b> ERS, ERL, LRM, LRE
	<b>QUADRALENS:</b> ERS, ERL, ECL, LRS, LRL, ERE, ETS, PFA, EPD, EPG	<b>QUADRALENS:</b> ERS, ERL, ERE, LRS, LRL, PFA, ECL, EPD, EPG
<b>Backlight shield option</b>	Medium or strong cut-off	
<b>Power supply current</b>	Configurable up to 700 mA <sup>(1)</sup>	

\*Approx. 1800K, only on BLS12 as standard. <sup>(1)</sup> >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



Module ITEM  
(ORALED type)



BLS strips

## OPTIONS

	ITEM 500	ITEM 600
<b>At the lighting point</b>		
Configurable current (driver or bottom of the pole)	✓	✓
Dimming (driver, bottom of the pole or Bluetooth)	✓	✓
Built-in detection	✓*	-
Remote detection	✓	✓
DALI protocol	✓	✓
Smart-Ready® pre-configuration (ZD4i)	✓**	✓**
<b>In a local network</b>		
Communicating detection with pilot wire	✓	✓
Wireless communication sensing	✓	✓
<b>Remote management</b>		
WIZARD remote management	✓	✓

\* Only available for versions without an upper bowl

\*\* Double smart-ready available for versions without an upper bowl

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



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



**LLM 60:** Smooth lateral with covering sleeve Ø 60 mm



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



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



**Top or bi-top:** fitting for pole Ø 60/62 mm. For pole Ø 76 mm top, optional spigot A (cf p 280)



**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 mm 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

## MAINTENANCE

<b>Opening and closing</b>	The luminaire cover can be opened without tools using the 2 flaps. The luminaire is held in the open position by a safety stay
<b>Electric equipment maintenance</b>	Quick electrical disconnection without tools Circuit board removable onsite without tools
<b>Sources maintenance</b>	Access to the LED sources after removal of the bowl

## PLATES



SMOOTH plate



TRAID plate



HONEYCOMB plate



## ITEM

Design: STOA Architecture



**ITEM 500**  
U-bracket 1 arm  
HONEYCOMB plate



**ITEM 500**  
U-bracket 2 arms  
SMOOTH plate

## DESCRIPTION

<b>Product name</b>	ITEM 500
<b>Housing</b>	Cast aluminium covers, plates and U-bracket
<b>Plateaux</b>	Smooth, hONEYComB OR TRAIID PLate Customised pattern option (depending on study)
<b>Bowl</b>	Plane in Thermally toughened glass et sérigraphié (VPC) Clear polycarbonate deep bowl for ITEM 500 (PHC), optional internal diffuser
<b>Finish</b>	Polyester powder coating, any colour available 4 Arm U-bracket version: inner arms in black
<b>Impact protection</b>	Plane (VPC): IK 09 / Deep bowl (PHC): IK 10
<b>Ingress Protection</b>	IP66 Extruded silicone gasket Cable gland with anchoring device Breathing system with activated carbon filter
<b>Dimensions (dia x h)</b>	
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
<b>Weight</b>	
U-bracket 1 arm	10.3kg
U-bracket 2 arms	12.1kg
U-bracket 4 arms	12.4kg
Bowl PHC porté	11kg
Bowl PHC suspendu	11.1kg
<b>Windage area</b>	
U-bracket 1 arm	0.06m <sup>2</sup>
U-bracket 2 arms	0.07m <sup>2</sup>
U-bracket 4 arms	0.10m <sup>2</sup>
PHC post top	0.19m <sup>2</sup>
PHC suspended	0.19m <sup>2</sup>
<b>Materials used</b>	<b>ITEM 500 Bowl PHC</b> Aluminium 58% Steel 9% Plastic 26% Other 7%
<b>Electrical class</b>	Class I or II

## PLATES



SMOOTH plate



TRAID plate



HONEYCOMB plate



## 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  
TRAD plate



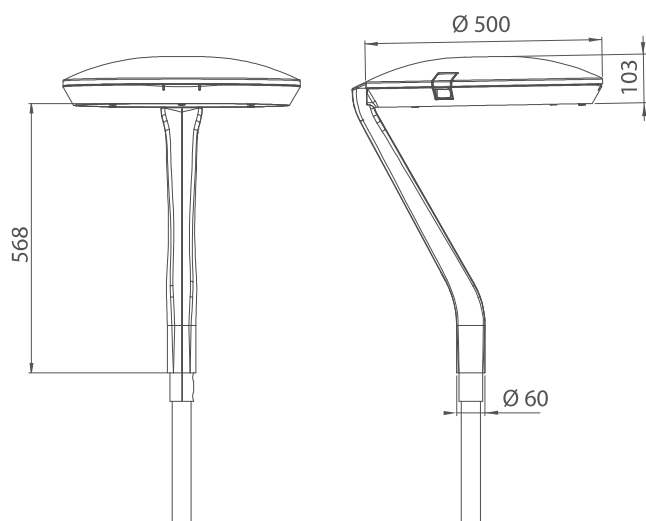
**ITEM 500**  
Post top PHC bowl  
SMOOTH plate



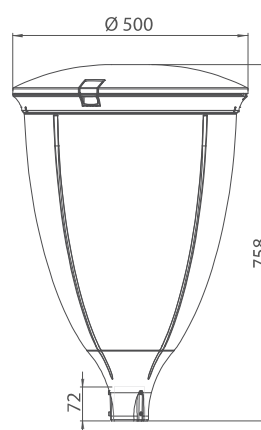
**ITEM 500**  
Suspended PHC bowl  
SMOOTH plate

## DIMENSIONS

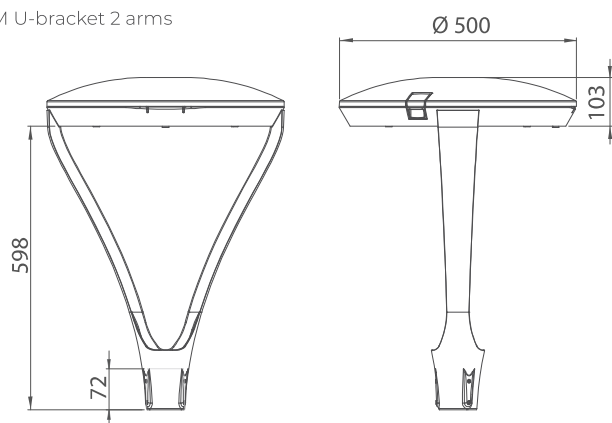
ITEM U-bracket 1 arm



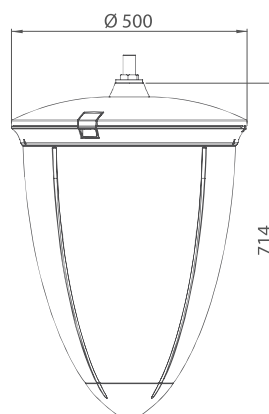
ITEM PHC post top



ITEM U-bracket 2 arms



ITEM PHC suspended



ITEM U-bracket 4 arms

