

# VERS O - LED



## RANGE

Powers and flows in LED range synoptic table.  
 Colour temperatures: 2200K - 2700K - 3000K - 4000K.  
 Life span L80 @350mA @ $t_a=25^{\circ}\text{C} \geq 120\,000\text{h}$ .  
 Fewer than 50% of LEDs have an outgoing flux inferior to 80% of the initial flux at 120 000h.  
 Thermal management of LED.  
 Zhaga standard LED module.

## AVAILABLE OPTICS:

### LIGHTING type for squares (SYM 5)

LIGHTING type for narrow streets (ASYM 2 or 2-1)

LIGHTING type for roads (ASYM 3)

LIGHTING type for avenues (ASYM 3-1)

LIGHTING type for parking lots (ASYM 4)

## MATERIALS – SURFACE TREATMENT

Body: die-cast AS 12 aluminum  
 Bowl: PMMA impact resistant  
 Standard colour grey sanded 2900 or other RAL on request  
 Baked (220°C) polyester powder coating  
 Optional treatment specifically for coast/shoreline available.

## MOUNTING – CABLING

Mounting on tube  $\varnothing 60\text{-}62\text{mm}$  70mm length (outer  $\varnothing$  of the mount  $\varnothing 89\text{mm}$ ).  
 6 available meter pre-cabled luminaire (flexible cable 2x 1.5mm<sup>2</sup>).

## INSTALLATION/MAINTENANCE

Access by superior dome using 2 stainless steel captive screws.  
 Replaceable driver. Replaceable LED module.  
 Conditions of use and of maintenance available upon request.

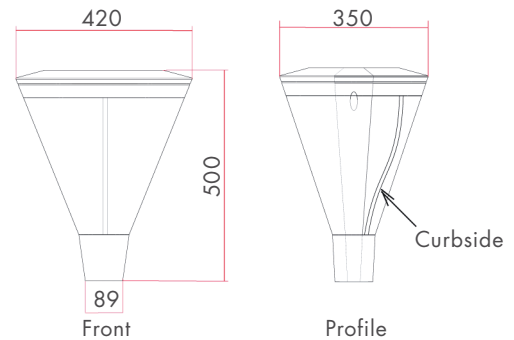
## RESISTANCE TO OVERVOLTAGE

Category IV luminaire, holding to a shock wave of 6kV between phase-neutral and earth.  
 Surge protection device (SPD) 10kV-5kA between phase-neutral and earth to be provided at the base of the pole.

## OPTION

For a communicating system, dual pre-cabling dedicated to communication is necessary (flexible cable 5Gx1.5mm<sup>2</sup>).

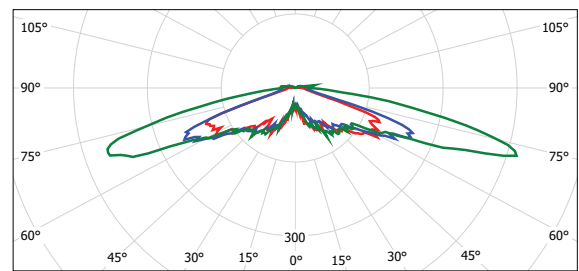
## • DIMENSIONS



## • WEIGHT/SURFACE SCX: 7kg/0.07 m<sup>2</sup>

## • POLAR CURVES

Lighting type for public squares (SYM 5) as standard



cd/klm C0 - C180 C90 - C270 C35 - C215  $\eta = 87\%$

## • SMART LUM

Adjusted output power			Point to point control		Autonomous group with pilot wire	Group management	Luminous points' management
P-adjust	F-Constant	Detect	Prog BP6	Prog Cycles	Prog Switch with Detect	VAR	Dali
●	●	● Remote PIR sensor	●	●	●	●	●