

M 8 - 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.

AVAILABLE OPTICS:

LIGHTING type for narrow streets (ASYM 2)
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 aluminum
 Bowl: flat tempered glass
 7040 grey color or other RAL on request
 Baked (220°C) polyester powder coating
 Optional treatment specifically for coast/shoreline available.

MOUNTING – CABLING

Top or lateral mounting, 100mm long.
 Top mounting, directly on column $\varnothing 60\text{mm}$, 0° to 15° tilt.
 Lateral mounting, on $\varnothing 60\text{mm}$ bracket -15° to $+15^\circ$ tilt.
 Adapter sleeves for $\varnothing 42$ and $\varnothing 49$ bracket arms in option.
 10m useful pre-cabled luminaire (flexible cable $2 \times 1.5\text{mm}^2$).

INSTALLATION/MAINTENANCE

No tool access by front opening, using a support folding bracket. Replaceable driver. Replaceable LED module.
 Conditions of use and maintenance available upon request.

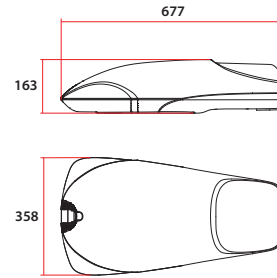
RESISTANCE TO OVERVOLTAGE

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 $5\text{G} \times 1.5\text{mm}^2$).
 Zhaga standard LED module.

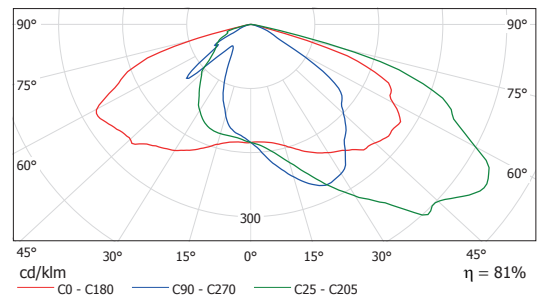
• DIMENSIONS



• WEIGHT/SURFACE SCX: 9kg/0.07 m²

• POLAR CURVES

Standard lighting type for roads (ASYM 3)



• 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
●	●	●	●	●	●	●	●