



Energy savings - powered by the sun



Stylish and **contemporary design**



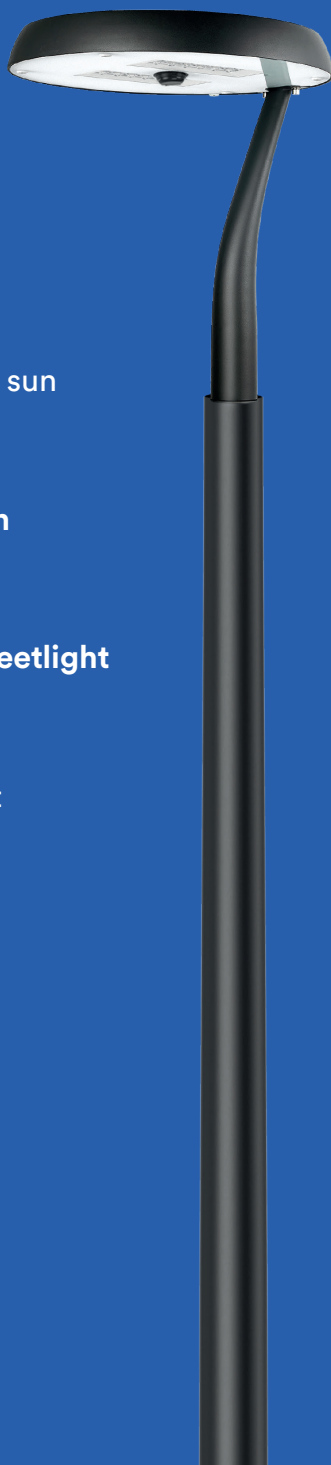
Plug and play **all-in-one solar streetlight**



Intelligent lighting management

 **OMNILIGHT**

Astra

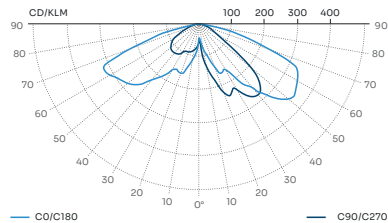


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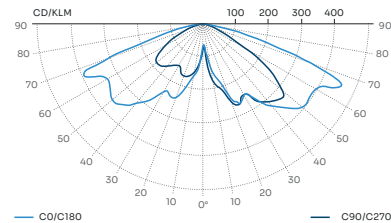
SOLAR STREETLIGHT

LIGHT DISTRIBUTION

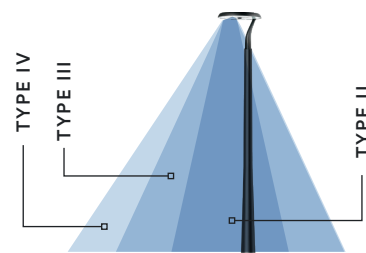
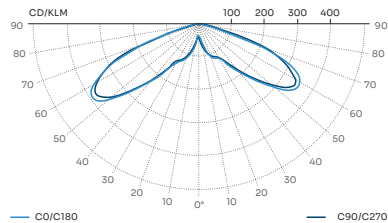
TYPE II (roadway/walkway)



TYPE III (large roadway/area)



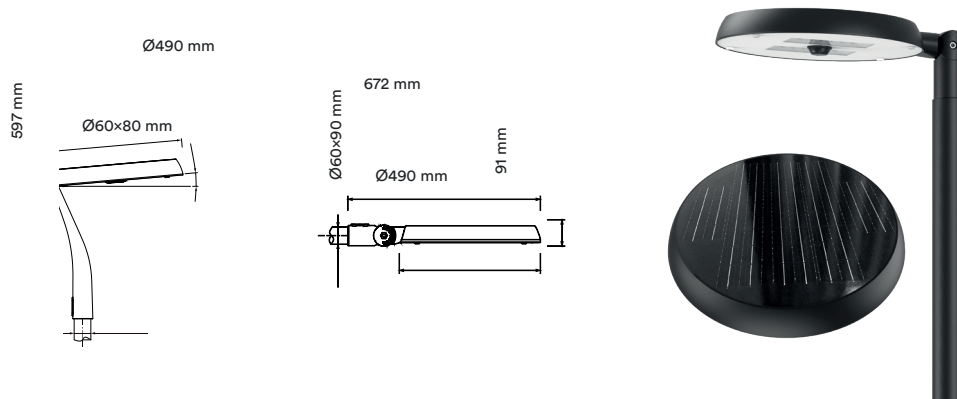
TYPE IV (parc/parking)



COLORS TEMPERATURES



DIMENSIONS



	IP65	IK07(PV)	IK08	CE
LED	High-efficiency LED Module	84 LEDs 3030		
	Initial luminous flux Tj=25°C (up to)	1920 lumens *		
	Power consumption(up to)	12W *		
	Initial luminaire efficacy Tj=25°C (up to)	160 lm/W (4000 K)		
	Real luminous flux Tj=85°C (up to)	1800 lumens *		
	CRI	>70		
	Optic system	PMMA lenses & Tempered glass protection		
	IK rating	IK08		
	Upward light output ratio ULOR	0%		
	Color temperature	3000 K, 4000 K		
SOLAR	LED useful lifetime L90B10	>75,000 hours		
	LEDs module thermal dissipation	Passive dissipation by convection through the aluminium luminaire body		
	Technology	Monocrystalline silicon		
	Power	25 Wp / 18 Vdc		
	Lifetime	> 25 years at 80% of initial power		
	Tilt	Horizontal (0°)		
	Structure	Frameless		
	Battery technology	High grade LiFePO4 Battery (resistance to extreme temperatures, maintenance-free)		
	Capacity	154 Wh (12.8V 12Ah)		
	Operating temperature	-35°C to +60°C		
BATTERY	Protection	BMS protection in the battery		
	Battery recharge time in sunny conditions	3 to 4 h		
	Autonomy (up to)	3 nights *		
	Lifetime	10 years		
	Charge controller technology	MPPT charge controller with programmable lighting levels		
ELECTRICAL	Electrical protection	Reverse polarity protection, over-voltage protection, overcharge and overdischarge protection, over temperature protection, open circuit and short circuit protection		
	Connectors	Quick connectors (easy maintenance & components replacement)		
	Protection class	Class III		
	Matériau	High pressure die-cast aluminium		
	Éléments de fixation	Stainless steel		
GENERAL	Paint and finishes	Polyester powder paint coating. Resistant to corrosion.		
	Indice IP	IP66		
	Indice IK	IK08		
	Température de fonctionnement	-35°C à +60°C		
	Dimensions	Ø490mm x 91mm		
	SCx	-		
	Montage fixation par le haut	Ø60 mm		
	Poids (sans le mât)	9,5 kg		
	Maintenance	Replaceable modules: LEDs, battery and charge controller.		
	Options	-		
	Hauteur de fixation recommandée	5 - 9 m		
	Warranty	3 years (extension to 5 years available)		

* consult us for possible power settings



OMNILIGHT
EFFICIENT SOLAR LIGHTING