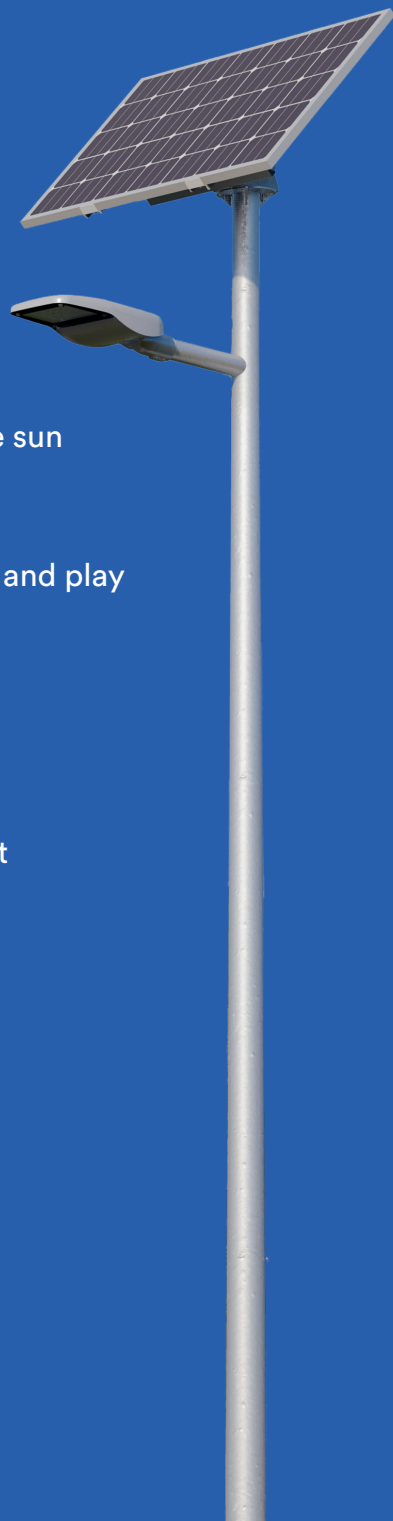




Energy savings - powered by the sun



Powerful solar streetlight - plug and play



Adjustable solar system tilt



Intelligent lighting management

 **OMNILIGHT**

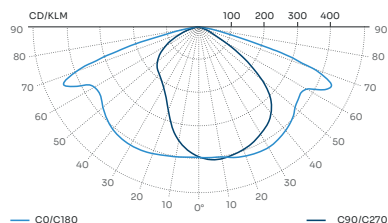
Strada

Strada

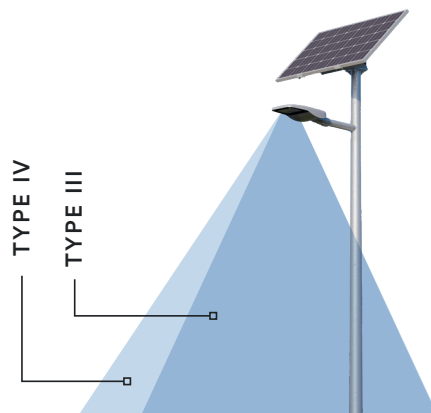
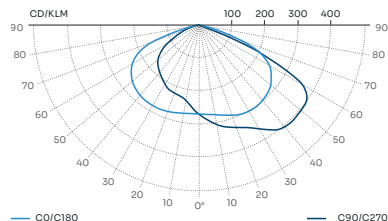
SOLAR STREETLIGHT

LIGHT DISTRIBUTION

TYPE III (large roadway/area)



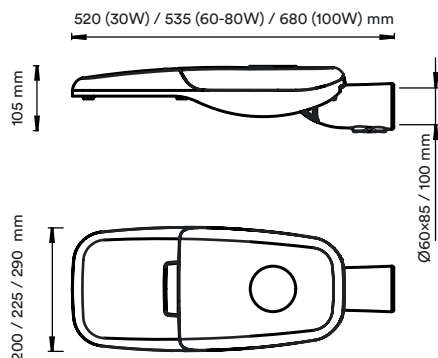
TYPE IV (parking)



COLORS TEMPERATURES



DIMENSIONS



	IP65	IK07(PV)	IK08	CE
LED	High-efficiency LED Module	LEDs 3030		
	Initial luminous flux Tj=25°C (up to)	5100 / 10 200 / 13 600 / 17 000 lumens *		
	Power consumption(up to)	30 / 60 / 80 / 100 W *		
	Initial luminaire efficacy Tj=25°C (up to)	170 lm/W (4000 K)		
	Real luminous flux Tj=85°C (up to)	4350 / 8700 / 11 600 / 14 500 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	>90,000 hours		
	LEDs module thermal dissipation	Passive dissipation by convection through the aluminium luminaire body		
	Technology	Monocrystalline silicon		
	Power	65 / 120 / 150 / 180 Wp / 18 Vdc		
	Lifetime	> 25 years at 80% of initial power		
	Tilt	0° / 10° / 20° / 30° / 40°		
	Structure	-		
	Battery technology	High grade LiFePO4 Battery (resistance to extreme temperatures, maintenance-free)		
	Capacity	384 Wh (12.8V 30Ah) / 691Wh (12.8V 54Ah) / 921Wh (12.8V 72Ah) / 1075Wh (25.6V 42Ah)		
	Operating temperature	-35°C à +60°C		
BATTERY	Protection	BMS protection in the battery		
	Battery recharge time in sunny conditions	4 to 5 h		
	Autonomy (up to)	3 night *		
	Lifetime	10 years		
	Charge controller technology	MPPT charge controller with programmable lighting levels		
	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		
ELECTRICAL	Paint and finishes	Polyester powder paint coating. Resistant to corrosion.		
	Indice IP	IP65		
	Indice IK	IK08		
	Température de fonctionnement	-35°C à +60°C		
	Dimensions	Pannel (mm) : 650x450 (65W) / 975x575 (120W) / 935x760 (150W) / 1115x760 (180W) LED Fixture (mm) : 625x288x102		
	SCx	-		
	Montage fixation par le haut	Ø60 mm (Ø76 mm in option)		
	Poids (sans le mât)	-		
	Maintenance	Replaceable modules: LEDs, battery and charge controller.		
	Options	Motion detector		
GENERAL	Hauteur de fixation recommandée	5 - 9 m		
	Warranty	3 years (extension to 5 years available)		

* consult us for possible power settings



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EFFICIENT SOLAR LIGHTING