



Energy savings - powered by the sun



Stylish all-in-two solar streetlight



Adjustable solar system tilt



Intelligent lighting management

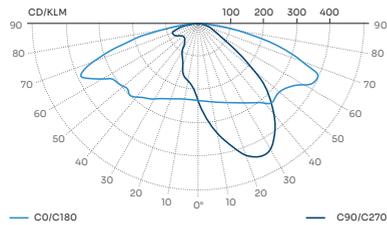
OMNILIGHT

Nexio

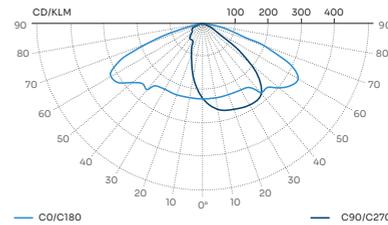
Nexio SOLAR STREETLIGHT

LIGHT DISTRIBUTION

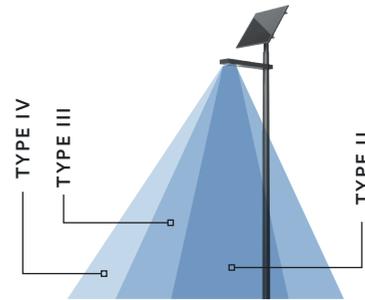
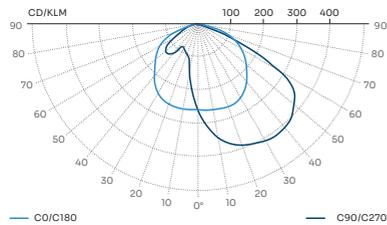
TYPE II (roadway/walkway)



TYPE III (large roadway/area)



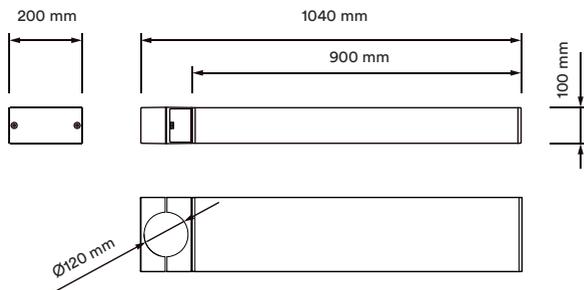
TYPE IV (parking)



COLORS TEMPERATURES



DIMENSIONS



IP65 | IK07(PV) | IK08 | CE

LED	High-efficiency LED Module	32 LEDs 5050
	Initial luminous flux Tj=25°C (up to)	9600 lumens *
	Power consumption(up to)	60W *
	Initial luminaire efficacy Tj=25°C (up to)	160 lm/W (4000 K)
	Real luminous flux Tj=85°C (up to)	8400 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
LED useful lifetime L90B10	>75,000 hours	
LEDs module thermal dissipation	Passive dissipation by convection through the aluminium luminaire body	
SOLAR	Technology	Monocrystalline silicon
	Power	130 Wp / 18 Vdc
	Lifetime	> 25 years at 80% of initial power
	Tilt	20°, 45°
Structure	-	
BATTERY	Battery technology	High grade LiFePO4 Battery (resistance to extreme temperatures, maintenance-free)
	Capacity	538 Wh (12.8V 42Ah)
	Operating temperature	-35°C à +60°C
	Protection	BMS protection in the battery
	Battery recharge time in sunny conditions	4 h
	Autonomy (up to)	3 nights *
	Lifetime	10 years
ELECTRICAL	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
GENERAL	Matériau	High pressure die-cast aluminium
	Éléments de fixation	Stainless steel
	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	Solar Panel : 875×770×25 mm LED Luminaire 1040×200×100 mm
	SCx	-
	Montage fixation par le haut	Ø60 mm
	Poids (sans le mât)	-
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