



Energy savings - powered by the sun



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



Stylish design for **parks and walkways**



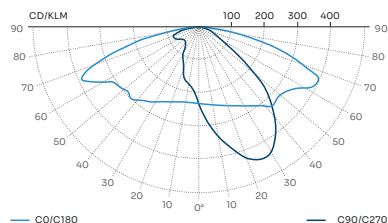
Intelligent lighting management

 **OMNILIGHT**

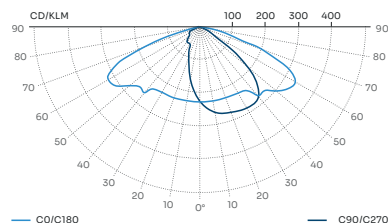
Suntis

LIGHT DISTRIBUTION

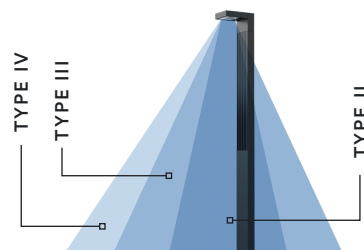
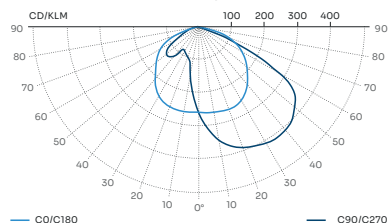
TYPE II (roadway/walkway)



TYPE III (large roadway/area)



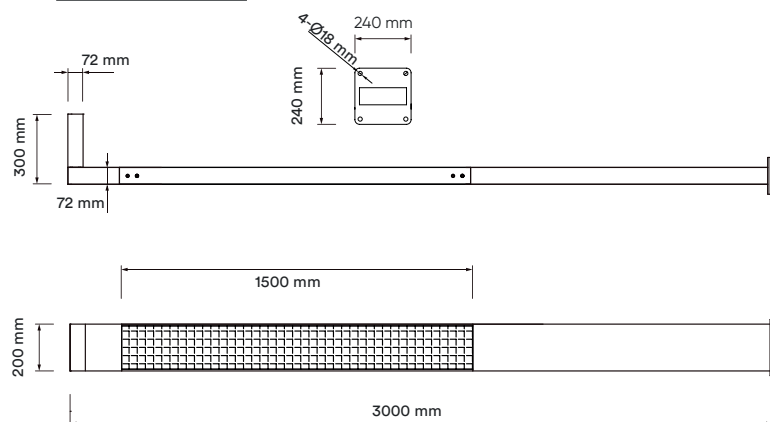
TYPE IV (parking)



COLORS TEMPERATURES



DIMENSIONS



	IP65	IK07(PV)	IK08	CE
LED	High-efficiency LED Module	24 LEDs 5050		
	Initial luminous flux Tj=25°C (up to)	3000 lumens *		
	Power consumption(up to)	20W *		
	Initial luminaire efficacy Tj=25°C (up to)	150 lm/W (4000 K)		
	Real luminous flux Tj=85°C (up to)	2800 lumens *		
	CRI	>70		
	Optic system	PMMA lenses & tempered glass protection		
	IK rating	IK08		
	Upward light output ratio ULOR	0%		
	Color temperature	3000K, 4000K		
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	2 x 53 Wp / 18 Vdc		
	Lifetime	> 25 years at 80% of initial power		
	Tilt	Vertical		
	Structure	Frameless		
	Battery technology	High grade LiFePO4 Battery (resistance to extreme temperatures, maintenance-free)		
	Capacity	461Wh (12.8V 36Ah)		
	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		
	Housing material	Aluminum die casting cover, extruded aluminum body		
	Fixing elements	Stainless steel		
ELECTRICAL	Paint and finishes	Polyester powder paint coating. Resistant to corrosion.		
	IP rating	IP65		
	IK rating	IK08		
	Operating temperature	-35°C à +60°C		
	Dimensions	3000*200*300 mm		
	SCx	-		
	Mounting Top mount	Mounting base 240x240		
	Weight (excluding pole)	28 kg		
	Maintenance	Replaceable modules: LEDs, battery and charge controller.		
	Options	-		
GENERAL	Recommended mounting height	-		
	Warranty	3 years (extension to 5 years available)		

* consult us for possible power settings



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EFFICIENT SOLAR LIGHTING