

Energy savings - powered by the sun



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



Streamlined design to **retrofit existing poles**



Intelligent lighting management

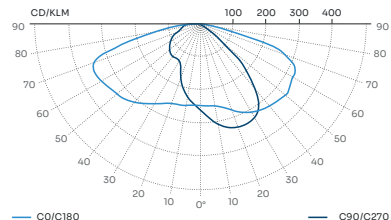
 **OMNILIGHT**

Vialis L

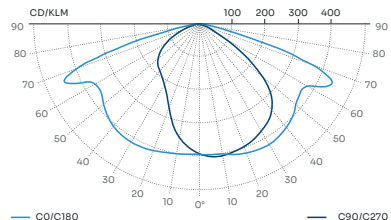
Vialis L ALL-IN-ONE SOLAR STREETLIGHT

LIGHT DISTRIBUTION

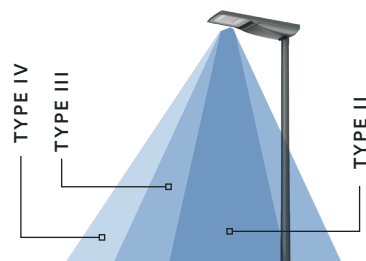
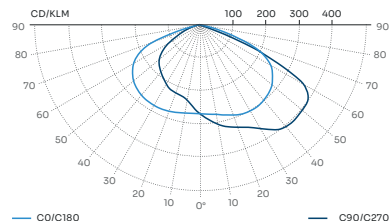
- TYPE II (roadway/walkway)



- TYPE III (large roadway/area)



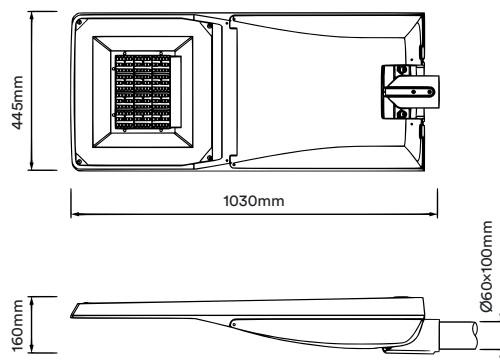
- TYPE IV (parking)



● COLORS TEMPERATURES



DIMENSIONS



	IP65	IK07(PV)	IK08	CE
LED	High-efficiency LED Module	168 LEDs 3030		
	Initial luminous flux Tj=25°C (up to)	9000 lumens *		
	Power consumption(up to)	50W *		
	Initial luminaire efficacy Tj=25°C (up to)	180 lm/W (4000 K)		
	Real luminous flux Tj=85°C (up to)	8000 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	75 Wp / 18 Vdc		
	Lifetime	> 25 years at 80% of initial power		
	Tilt	Horizontal (0°)		
	Structure	Frameless		
BATTERY	Battery technology	High grade LiFePO4 Battery (resistance to extreme temperatures, maintenance-free)		
	Capacity	384Wh (12.8V 30Ah) / 692Wh (12.8V 54Ah) / 922 Wh (12.8V 72Ah)		
	Operating temperature	-35°C to +60°C		
	Protection	BMS protection in the battery		
	Battery recharge time in sunny conditions	3 to 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	Housing material	High pressure die-cast aluminium		
	Fixing elements	Stainless steel		
	Anti-condensation valve	Pressure compensation valve (ensures the evacuation of humidity)		
	Paint and finishes	Polyester powder paint coating. Resistant to corrosion.		
	IP rating	IP66		
	IK rating	IK08		
	Operating temperature	-35°C to +60°C		
	Dimensions	1030×445×160 mm		
	SCx	0,093 m²		
	Mounting Top mount	Ø60 mm (Ø76 mm in option)		
	Weight (excluding pole)	24 kg		
	Maintenance	Replaceable modules: LEDs, battery and charge controller.		
	Options	Motion detector		
	Recommended mounting height	5 - 8 m		
	Warranty	3 years (extension to 5 years available)		

* with motion sensor



OMNILIGHT
EFFICIENT SOLAR LIGHTING