



Energy savings - powered by the sun



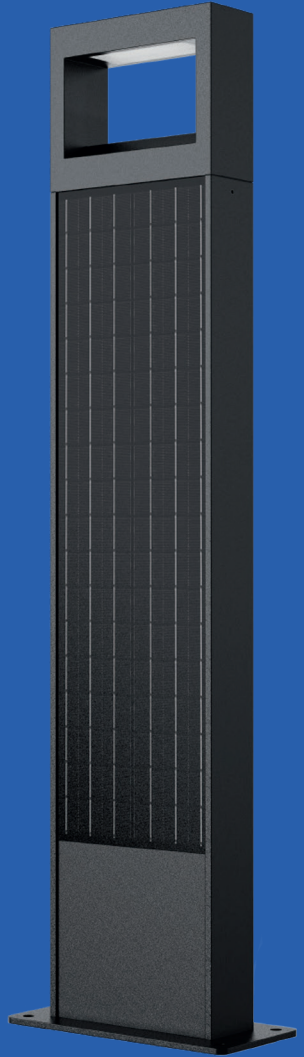
Plug and play **all-in-one solar bollard**



Stylish design for parks and walkways



Intelligent lighting management



OMNILIGHT

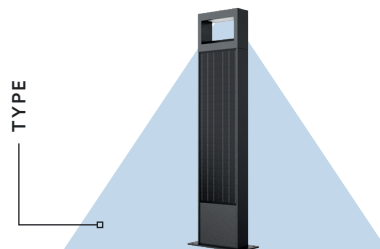
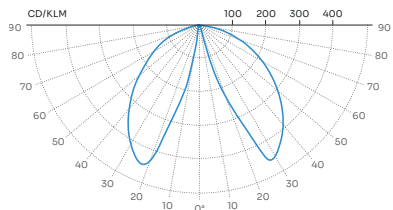
Axis

Axis ALL-IN-ONE SOLAR BOLLARD

IP65 | IK07(PV) | IK08 | CE

● LIGHT DISTRIBUTION

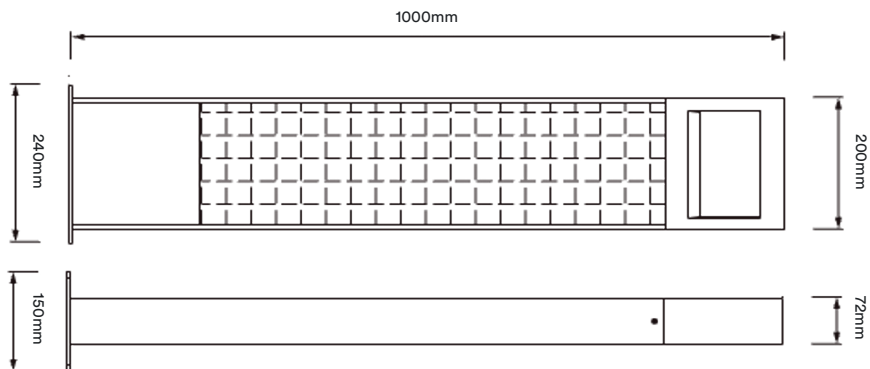
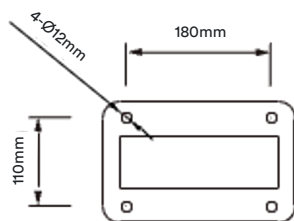
● TYPE (walkways, pathways)



● COLORS TEMPERATURES



● DIMENSIONS



	IP65	IK07(PV)	IK08	CE	
LED	High-efficiency LED Module	72 LEDs 2835			
	Initial luminous flux Tj=25°C (up to)	1000 lumens *			
	Power consumption(up to)	10W *			
	Initial luminaire efficacy Tj=25°C (up to)	100 lm/W (4000 K)			
	Real luminous flux Tj=85°C (up to)	850 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 body				
SOLAR	Technology	Monocrystalline silicon			
	Power	2 x 22 Wp / 18 Vdc			
	Lifetime	> 25 years at 80% of initial power			
	Tilt	Horizontal (0°)			
BATTERY	Structure	Frameless			
	Battery technology	High grade LiFePO4 Battery (resistance to extreme temperatures, maintenance-free)			
	Capacity	154Wh (3.2V 48Ah)			
	Operating temperature	-35°C to +60°C			
	Protection	BMS protection in the battery			
	Battery recharge time in sunny conditions	4 to 5 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	Aluminum die casting cover, extruded aluminum body			
	Fixing elements	Stainless steel			
	Anti-condensation valve	-			
	Paint and finishes	Polyester powder paint coating. Resistant to corrosion.			
	IP rating	IP65			
	IK rating	IK08			
	Operating temperature	-35°C to +60°C			
	Dimensions	1000x200x72 mm			
	SCx	-			
	Mounting Top mount	mounting base 240x150			
Weight (excluding pole)	15 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