



Essential SmartBright Solar Waterproof

WT080C LED16/830 Solar

Solar waterproof with inbuilt lithium battery and controller and microwave motion sensor and LED luminaire integrated in PC housing, and separated PV panel.

Warnings and Safety

- Install the solar waterproof in a sunny place that is not shaded by trees or buildins or walls.

Product data

General Information	
Driver included	Yes
Value ladder	Value
Light Technical	
Luminous Flux	1,600 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	130 lm/W
Color rendering index (CRI)	80
Operating and Electrical	
Battery type	LiFePO4
Battery ampere hour	6 Ah
Battery voltage	6.4 V
Battery charging & discharging cycles	1000
Panel type	Mono crystalline
Panel voltage	9 V
Panel peak wattage	8 W
Charge controller type	PWM
Cable connection kit	Included

Cable	5m cable for Solar panel connection included
Grid connection type	Off grid
Controls and Dimming	
Dimmable	Preset Dimming
Configurability	Not configurable
Solar dimming profile	Dimming setting by remote controller
Mechanical and Housing	
Housing Color	White
Overall length	450 mm
Overall width	67 mm
Overall height	75 mm
Dimensions (Height x Width x Depth)	75 x 67 x 450 mm
Material	Polycarbonate
Battery location	Inbuilt luminaire
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Optical cover type	Polycarbonate

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Net Weight (Piece)	1.820 kg
Approval and Application	
CE mark	Yes
Ambient temperature range	0 to +50 °C
Product Data	
Order product name	WT080C LED16/830 Solar
Full product name	WT080C LED16/830 Solar

Full product code	872016976114899
Order code	911401888102
Material Nr. (12NC)	911401888102
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169761148
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169761230

Dimensional drawing

