



Essential SmartBright Solar Waterproof

WT080C LED16/840 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 buildings or walls.

Product data

General Information		Cable	
Driver included	Yes	Cable	5m cable for Solar panel connection included
Value ladder	Value	Grid connection type	Off grid
Light Technical		Controls and Dimming	
Luminous Flux	1,600 lm	Dimmable	Preset Dimming
Correlated Color Temperature (Nom)	4000 K	Configurability	Not configurable
Luminous Efficacy (rated) (Nom)	140 lm/W	Solar dimming profile	Dimming setting by remote controller
Color rendering index (CRI)	80	Mechanical and Housing	
Operating and Electrical		Housing Color	White
Battery type	LiFePO4	Overall length	450 mm
Battery ampere hour	6 Ah	Overall width	67 mm
Battery voltage	6.4 V	Overall height	75 mm
Battery charging & discharging cycles	1000	Dimensions (Height x Width x Depth)	75 x 67 x 450 mm
Panel type	Mono crystalline	Material	Polycarbonate
Panel voltage	9 V	Battery location	Inbuilt luminaire
Panel peak wattage	8 W	Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Charge controller type	PWM	Mech. impact protection code	IK08 [5 J vandal-protected]
Cable connection kit	Included	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 LED16/840 Solar
Full product name	WT080C LED16/840 Solar

Full product code	872016976113199
Order code	911401888002
Material Nr. (12NC)	911401888002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169761131
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169761223

Dimensional drawing

Unit: mm

