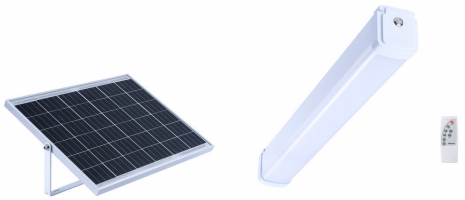


Essential SmartBright Solar Waterproof

WT080C LED36/830 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	3,600 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	12.8 V
Battery charging & discharging cycles	1000
Panel type	Mono crystalline
Panel voltage	18 V
Panel peak wattage	15 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	650 mm
Overall width	67 mm
Overall height	75 mm
Dimensions (Height x Width x Depth)	75 x 67 x 650 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

Essential SmartBright Solar Waterproof

Net Weight (Piece)	2.950 kg

Approval and Application

CE mark	Yes
Ambient temperature range	0 to +50 °C

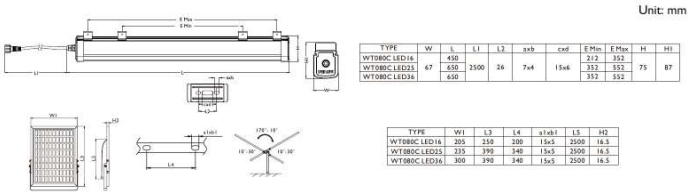
Product Data

Order product name	WT080C LED36/830 Solar
Full product name	WT080C LED36/830 Solar

Full product code	872016976120999
Order code	911401888702
Material Nr. (12NC)	911401888702
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169761209
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169761292

Dimensional drawing

Unit: mm



TYPE	W	L	L1	L2	axb	cxd	E Min	E Max	H	H1
WT080C LED16	67	450	2500	26	7x4	15x6	212	353	75	87
WT080C LED25		650					352	552		
WT080C LED36		650					352	552		

TYPE	W1	L3	L4	a1xb1	L5	H2
WT080C LED16	205	250	200	15x5	2500	16.5
WT080C LED25	335	390	340	15x5	2500	16.5
WT080C LED36	300	390	340	15x5	2500	16.5

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