



SmartBright Solar Lowbay

BY010P LED16/765 Solar

Solar lowbay do-it-yourself kit with integrated Lithium battery and controller. A separated solar panel inside the packaging. Adjust working mode by remote controller.

Warnings and Safety

- Charge the battery under Sunlight at least 8 hours before first use.

Product data

General Information	
Driver included	Yes
Value ladder	Value

Light Technical	
Luminous Flux	1,600 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	120 lm/W
Color rendering index (CRI)	70

Operating and Electrical	
Battery type	LiFePO4
Battery ampere hour	3.3 Ah
Battery voltage	12.8 V
Battery charging & discharging cycles	800
Panel type	Mono crystalline
Panel voltage	15 V
Panel peak wattage	15 W
Charge controller type	PWM

Cable	-
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	Aluminum
Overall length	273 mm
Overall width	273 mm
Overall height	155 mm
Overall diameter	273 mm
Dimensions (Height x Width x Depth)	155 x 273 x 273 mm
Material	Metal
Battery location	Inbuilt luminaire
Ingress protection code	IP44 [Wire-protected, splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]

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Optical cover type	Polycarbonate
Net Weight (Piece)	3.329 kg

Approval and Application

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

Product Data

Order product name	BY010P LED16/765 Solar
Full product name	BY010P LED16/765 Solar

Full product code	692382867860900
Order code	911401886102
Material Nr. (12NC)	911401886102
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6923828678609
Numerator - Packs per outer box	1
EAN/UPC - Case	6923828678609

Dimensional drawing

