



Solar lowbay for places without access to electricity or with unreliable power supply.

SmartBright Solar Lowbay

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.

Benefits

- · Energy Savings & Environmentally Friendly
- · Easy Installation
- · Cost-Effective
- · Remote Control
- Daytime Working
- External DC Charging

Features

- · Wide applications
- · Easy to installation
- Extra low volatge safe application.
- · PIR motion sensor
- \cdot Metal housing with IP44 rating
- \cdot Choose differnt working modes by remote controller
- Turn on the light at daytime by remote controller
- · External 24VDC charging available

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Application

- · Under Canopy
- Backyard
- Parking Shed
- Warehouse
- Amenity

Warnings and Safety

 $\boldsymbol{\cdot}$ Charge the battery under Sunlight at least 8 hours before first use.

Versions

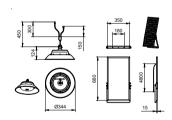


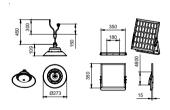


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Dimensional drawing





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Light Technical		
Correlated Color Temperature (Nom)	6500 K	
Color rendering index (CRI)	70	
Operating and Electrical		
Battery charging & discharging cycles	800	
Battery type	LiFePO4	
Charge controller type	PWM	
Grid connection type	Off grid	
Panel type	Mono crystalline	
Panel voltage	15 V	
Controls and Dimming		
Dimmable	Preset Dimming	
Configurability	Not configurable	
Solar dimming profile	Dimming setting	
	by remote	
	controller	
Mechanical and Housing		
Battery location	Inbuilt luminaire	
Housing Color	Aluminum	
Ingress protection code	IP44	
Approval and Application		
Ambient temperature range	0 to +50 °C	

Operating and Electrical

Order Code	Full Product Name	Battery ampere hour	Battery voltage	Panel peak wattage
67860900	BY010P LED16/765 Solar	3.3 Ah	12.8 V	15 W
67861600	BY010P LED36/765 Solar	9.9 Ah	9.6 V	32 W

Mechanical and Housing

Order Code	Full Product Name	Overall height	Overall length	Overall width
67860900	BY010P LED16/765 Solar	155 mm	273 mm	273 mm

Order Code	Full Product Name	Overall height	Overall length	Overall width
67861600	BY010P LED36/765 Solar	170 mm	344 mm	344 mm



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