



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 voltage safe application.
- PIR motion sensor
- Metal housing with IP44 rating
- Choose different 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

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

Dimensional drawing



Light Technical	
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

Order Code	Full Product Name	Correlated Color Temperature (Nom)
911401800603	BY010P LED16/740 Solar	4000 K
911401800803	BY010P LED16/730 Solar	3000 K
911401886102	BY010P LED16/765 Solar	6500 K
911401800703	BY010P LED36/740 Solar	4000 K
911401800903	BY010P LED36/730 Solar	3000 K
911401886202	BY010P LED36/765 Solar	6500 K

Operating and Electrical

Order Code	Full Product Name	Battery ampere hour	Battery voltage	Panel peak wattage
911401800603	BY010P LED16/740 Solar	3.3 Ah	12.8 V	15 W
911401800803	BY010P LED16/730 Solar	3.3 Ah	12.8 V	15 W
911401886102	BY010P LED16/765 Solar	3.3 Ah	12.8 V	15 W

Order Code	Full Product Name	Battery ampere hour	Battery voltage	Panel peak wattage
911401800703	BY010P LED36/740 Solar	9.9 Ah	9.6 V	32 W
911401800903	BY010P LED36/730 Solar	9.9 Ah	9.6 V	32 W
911401886202	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
911401800603	BY010P LED16/740 Solar	155 mm	273 mm	273 mm
911401800803	BY010P LED16/730 Solar	155 mm	273 mm	273 mm
911401886102	BY010P LED16/765 Solar	155 mm	273 mm	273 mm
911401800703	BY010P LED36/740 Solar	170 mm	344 mm	344 mm

Order Code	Full Product Name	Overall height	Overall length	Overall width
911401800903	BY010P LED36/730 Solar	170 mm	344 mm	344 mm
911401886202	BY010P LED36/765 Solar	170 mm	344 mm	344 mm

