



# 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
- Metal housing with IP44 rating
- Choose differnt working modes by remote controller
- Turn on the light at daytime by remote controller
- External 24VDC charging available

# SmartBright Solar Lowbay

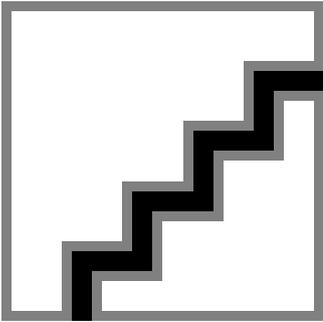
## Application

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

## Warnings and Safety

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

## Versions



SmartBright Solar Lowbay

## Dimensional drawing

## Light Technical

Color rendering index (CRI)	70
<b>Operating and Electrical</b>	
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
<b>Controls and Dimming</b>	
Dimmable	Preset Dimming
Configurability	Not configurable
Solar dimming profile	Dimming setting by remote controller
<b>Mechanical and Housing</b>	
Battery location	Inbuilt luminaire
Housing Color	Aluminum
Ingress protection code	IP44
<b>Approval and Application</b>	
Ambient temperature range	0 to +50 °C

## Light Technical

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

