PHILIPS Lighting



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

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

SmartBright Solar Lowbay

Application

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

Warnings and Safety

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

Versions

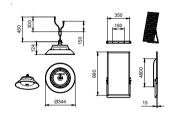


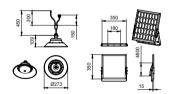


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Dimensional drawing





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Light Technical		
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	

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

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

		Battery	Battery	Panel peak
Order Code	Full Product Name	ampere hour	voltage	wattage
911401800703	BY010P LED36/740	9.9 Ah	9.6 V	32 W
	Solar			
911401800903	BY010P LED36/730	9.9 Ah	9.6 V	32 W
	Solar			
911401886202	BY010P LED36/765	9.9 Ah	9.6 V	32 W
	Solar			

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	170 mm	344 mm	344 mm
	Solar			

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

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