



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 | 67860900 |
| 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

