



# SmartBright Solar Lowbay

## BY010P LED36/765 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                         | 3,600 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                   | 9.9 Ah           |
| Battery voltage                       | 9.6 V            |
| Battery charging & discharging cycles | 800              |
| Panel type                            | Mono crystalline |
| Panel voltage                         | 15 V             |
| Panel peak wattage                    | 32 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                      | 344 mm                               |
| Overall width                       | 344 mm                               |
| Overall height                      | 170 mm                               |
| Overall diameter                    | 344 mm                               |
| Dimensions (Height x Width x Depth) | 170 x 344 x 344 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)        | 5.979 kg               |
| Approval and Application  |                        |
| CE mark                   | Yes                    |
| Ambient temperature range | 0 to +50 °C            |
| Product Data              |                        |
| Order product name        | BY010P LED36/765 Solar |
| Full product name         | BY010P LED36/765 Solar |

|                                 |                 |
|---------------------------------|-----------------|
| Full product code               | 692382867861600 |
| Order code                      | 911401886202    |
| Material Nr. (12NC)             | 911401886202    |
| Numerator - Quantity Per Pack   | 1               |
| EAN/UPC - Product/Case          | 6923828678616   |
| Numerator - Packs per outer box | 1               |
| EAN/UPC - Case                  | 6923828678616   |

Dimensional drawing

