

# PRODUCT DATASHEET

## ENDURA Style Solar Bouquet 50cm Post Sensor 6W Black

ENDURA STYLE SOLAR BOUQUET | Solar-powered wall and bollard with motion and light sensor



### Areas of application

- Outdoor use (IP44)
- Areas where no power supply is available

### Product benefits

- Demand based lighting and energy saving thanks to motion and daylight sensor
- Easy adjustment of daylight and motion detection via push switch
- Energy-efficient thanks to LED technology
- Easy and quick installation

### Product features

- Solar powered outdoor LED luminaire
- PIR motion detector and daylight sensor
- 3 operating modes selectable
- Operating mode 1: light continuous on with 200 lumen (Max. 2.5 hours at full charge)
- Operating mode 2: light continuous on with 75 lumen (Max. 8 hours at full charge), switches to 300 lumen when moving (Max. 100 times lit at full charge)
- Operating mode 3: light off, switches to 550 lumen when moving (max. 100 times lit at full charge)



- Battery charging via solar panel
- Battery technology: lithium-ion
- Stainless steel housing

TECHNICAL DATA

Electrical data

|                                                             |             |
|-------------------------------------------------------------|-------------|
| Nominal wattage                                             | 6.00 W      |
| Nominal voltage                                             | 3 V         |
| Mains frequency                                             | 50...60 Hz  |
| Nominal current                                             | 1700.000 mA |
| Max. number of luminaires per miniature circuit breaker C16 | N/A         |
| Protection class                                            | III         |
| Operating mode                                              | Battery     |

Photometrical data

|                                              |            |
|----------------------------------------------|------------|
| Luminous flux                                | 550 lm     |
| Luminous efficacy                            | 92 lm/W    |
| Color temperature                            | 3000 K     |
| Light color (designation)                    | Warm White |
| Color rendering index Ra                     | > 80       |
| Standard deviation of color matching         | < 6 sdcm   |
| Flickering metric (Pst LM)                   | ≤1 %       |
| Stroboscope effect metric (SVM)              | ≤0.4       |
| Photobiological safety group acc. to EN62778 | RG0        |
| Photobiological safety group acc. to EN62471 | RG0        |

Dimensions & Weight

|                |           |
|----------------|-----------|
| Length         | 155.00 mm |
| Width          | 150.00 mm |
| Height         | 500.00 mm |
| Product weight | 1250.00 g |

ENDURA STYLE SOL BOUQUET  
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Materials & Colors

|               |       |
|---------------|-------|
| Product color | Black |
|---------------|-------|

|                                            |                    |
|--------------------------------------------|--------------------|
| Housing color                              | Dark gray          |
| Body material                              | Aluminum           |
| Cover material                             | Polycarbonate (PC) |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C             |
| Mercury content                            | 0.0 mg             |

### Application & Mounting

|                                        |              |
|----------------------------------------|--------------|
| Ambient temperature range              | -20...+40 °C |
| Temperature range at storage           | -20...+70 °C |
| Type of protection                     | IP44         |
| Protection class IK (shock resistance) | IK03         |
| Dimmable                               | No           |
| Mounting type                          | Surface      |
| Mounting location                      | Ground       |
| Application environment                | Outdoor      |
| With light source                      | Yes          |
| Replaceable light source               | No           |

### Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 25000 h <sup>1)</sup> |
| Number of switching cycles | 12500                 |

<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

### Sensor

|                                        |                        |
|----------------------------------------|------------------------|
| Type of sensor                         | Light / Motion         |
| Sensor technology                      | Passive infrared (PIR) |
| Sensor detection angle                 | 90 °                   |
| Sensor controlled switching time       | 15 s                   |
| Detection range of motion sensor       | 6 m                    |
| Detection threshold of daylight sensor | 50...100 lx            |
| Sensor IP rating                       | IP44                   |

### BATTERY

|                              |             |
|------------------------------|-------------|
| Type of Battery              | Lithium ion |
| Battery size [GMS]           | ICR18650    |
| Number of included batteries | 1           |

|                             |          |
|-----------------------------|----------|
| Nominal voltage of battery  | 3.7 V    |
| Nominal capacity of battery | 2200 mAh |
| Battery charging time       | >12 h    |

### Emergency lighting

|                                            |                |
|--------------------------------------------|----------------|
| Type of emergency light operation          | Non-maintained |
| Luminous flux in maintained operation mode | -              |
| Luminous flux in emergency operation mode  | -              |

### Certificates & Standards

|                                                      |                 |
|------------------------------------------------------|-----------------|
| Standards                                            | CE / EAC / UKCA |
| Luminaire with limited surface temperature, "D sign" | No              |
| Replaceable light source (EPREL)                     | Not replaceable |

### Additional product data

|                       |   |
|-----------------------|---|
| Number of illuminants | 1 |
|-----------------------|---|

### EQUIPMENT / ACCESSORIES

- Complete mounting and connecting accessories included

### Safety advice

- If the battery compartment (if applicable) does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- Please avoid: Maximal ambient temperature: +35 °C. Replacement of a battery with an incorrect type that can defeat safeguard (for example, in the case of some lithium battery types). Altitude during operation: 2000 m. Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.

### DOWNLOAD DATA

| Documents and certificates                                                         |                                        | Document name               |
|------------------------------------------------------------------------------------|----------------------------------------|-----------------------------|
|  | User instruction / safety instructions | ENDURA STYLE                |
|  | Declarations of conformity             | EC_ENDURA STYLE SOL BOUQUET |
|  | Declarations of conformity UKCA        | Fixed LUM                   |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075564565 | Folding box<br>1             | 162 mm x 162 mm x 512 mm             | 1470.00 g    | 13.44 dm <sup>3</sup> |
| 4058075564572 | Shipping box<br>4            | 340 mm x 340 mm x 540 mm             | 6536.00 g    | 62.42 dm <sup>3</sup> |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.