



# SmartBright Solar All-in-one Pathway - BRC010 Metal

## SmartBright Solar All-in-one Pathway

Integrated solar street light with Lithium Ferro Phosphate battery, solar panel and charger built into the luminaire. Metal housing, Wall mounting kit option. Microwave based motion sensor

### Benefits

- Metal housing
- Microwave sensor
- Shock and vibration resistant
- Remote control
- Easy installation and maintenance

### Features

- Remote control for selecting lighting profile
- Wall mounting Kit option available
- High luminous efficacy up-to 165lm/watt to maximize battery performance
- Microwave sensor for run time maximization

### Application

- Pedestrian streets, Residential areas, Industrial campus areas, Remote regions, Scenic spots

### Warnings and Safety

- Not recommended to install this luminaire higher than 4 meters height.
- Factory set dimming profile along with microwave sensor for run time maximization.

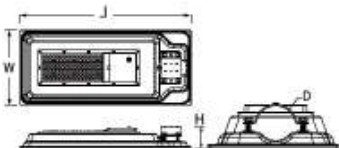
# SmartBright Solar All-in-one Pathway

## Versions



Solar Pathway Light

## Dimensional drawing



| TYPE   | W(mm) | L(mm) | H(mm) | D(mm) |
|--------|-------|-------|-------|-------|
| 1000lm | 187   | 281   | 64    | 38    |
| 2000lm | 187   | 397   | 64    | 48    |
| 4000lm | 225   | 515   | 64    | 48    |

# SmartBright Solar All-in-one Pathway

| Light Technical                    |                  |
|------------------------------------|------------------|
| Correlated Color Temperature (Nom) | 6500 K           |
| Color rendering index (CRI)        | 70               |
| Operating and Electrical           |                  |
| Battery type                       | LiFePO4          |
| Battery voltage                    | 3.2 V            |
| Grid connection type               | Off grid         |
| Panel type                         | Poly crystalline |
| Panel voltage                      | 4.5 V            |
| Controls and Dimming               |                  |
| Dimmable                           | No               |
| Configurability                    | Not configurable |
| Solar dimming profile              | Pre-configured   |
| Mechanical and Housing             |                  |
| Battery location                   | In built         |
| Housing Color                      | Silver Grey      |
| Ingress protection code            | IP65             |
| Overall height                     | 60 mm            |
| Approval and Application           |                  |
| Ambient temperature range          | 0 °C to 45 °C    |

## Operating and Electrical

| Order Code   | Full Product Name            | Battery ampere hour | Battery charging & discharging cycles | Panel peak wattage |
|--------------|------------------------------|---------------------|---------------------------------------|--------------------|
| 911401875702 | BRC010 M LED40/765 solar     | 16.5 Ah             | 500                                   | 15 W               |
| 911401885302 | BRC010 M LED40/765 solar Pro | 18 Ah               | 1000                                  | 15 W               |
| 911401875502 | BRC010 M LED10/765 solar     | 5 Ah                | 500                                   | 6 W                |
| 911401885102 | BRC010 M LED10/765 solar Pro | 6 Ah                | 1000                                  | 6 W                |
| 911401875602 | BRC010 M LED20/765 solar     | 11 Ah               | 500                                   | 10 W               |
| 911401885202 | BRC010 M LED20/765 solar Pro | 12 Ah               | 1000                                  | 10 W               |

## Mechanical and Housing

| Order Code   | Full Product Name            | Overall length | Overall width |
|--------------|------------------------------|----------------|---------------|
| 911401875702 | BRC010 M LED40/765 solar     | 511 mm         | 221 mm        |
| 911401885302 | BRC010 M LED40/765 solar Pro | 511 mm         | 221 mm        |
| 911401875502 | BRC010 M LED10/765 solar     | 273 mm         | 183 mm        |

| Order Code   | Full Product Name            | Overall length | Overall width |
|--------------|------------------------------|----------------|---------------|
| 911401885102 | BRC010 M LED10/765 solar Pro | 273 mm         | 183 mm        |
| 911401875602 | BRC010 M LED20/765 solar     | 393 mm         | 183 mm        |
| 911401885202 | BRC010 M LED20/765 solar Pro | 393 mm         | 183 mm        |

