



# 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.

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## Versions

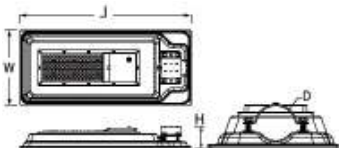


Solar Pathway Light

Solar Pathway Light

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## 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 charging & discharging cycles | 500              |
| 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 | Panel peak wattage |
|--------------|--------------------------|---------------------|--------------------|
| 911401875702 | BRC010 M LED40/765 solar | 16.5 Ah             | 15 W               |
| 911401875502 | BRC010 M LED10/765 solar | 5 Ah                | 6 W                |
| 911401875602 | BRC010 M LED20/765 solar | 11 Ah               | 10 W               |

## Mechanical and Housing

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

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

