



# A complete range of configurable and connected solar street lights up to 24,000 lumens.

## RoadFlair Gen 4.0 Solar

A comprehensive range of solar street lights starting from 5,000 lumens to 24,000 lumens, with 170 lm/w efficacy, and the option of hybrid versions. Suitable for major roads, motorways and parking areas. Configurable dimming profile and load wattage.

### Benefits

- Brings light to areas without access to electric grid
- Environment friendly
- Saves energy
- High efficacy reduces cost per light point by reducing battery and panel size
- Preserves landscape as no trenching for cabling required
- Sturdy construction for long life
- Smart-city-ready for sustainable cities

### Features

- High luminous efficacy of 170 lm/Watt.
- Configurable dimming profile and load wattage
- Compatible with multiple battery types ( LiFePO4, LMLA GEL)
- Pressure die-cast aluminium housing for sturdiness and excellent thermal management
- Available in both off-grid and hybrid versions

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## Application

- Highways
- Street
- Road
- Parking

## Versions



### Application Conditions

Ambient temperature range	-30 to +50 °C
Battery location	Outside Luminaire
Solar dimming profile	Configurable

### Approval and Application

Ingress protection code	IP66
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### Controls and Dimming

Dimmable	Yes
Configurability	Configurable

### Operating and Electrical

Cable connection kit	Included
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### Initial Performance (IEC Compliant)

Init. Corr. Colour Temperature	5700 K
Init. Colour rendering index	>70

### Mechanical and Housing

Overall height	86 mm
Overall width	295 mm

### Mechanical and Housing

Order Code	Full Product Name	Overall length
01815702	BRP392 LED80/CW 50W DM SD 12.5M	492 mm
01815802	BRP393 LED150/CW 90W DM SD 12.5M	651 mm
01815902	BRP394 LED240/CW 150W DM SD 12.5M	870 mm

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