Comprehensive range of solar street lights up to 47000lumens, with 170 lm/w efficacy, and option of hybrid versions.

RoadFlair Pro Solar

Suitable for major roads, highways and parking areas, Configurable dimming profile. Inspired by streamlined automobile design, Sustainable design with zero negative environmental impact, Increased efficacy leading to reduced battery and panel size.

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

Features
· High luminous efficacy up to 200 lm/watt
· Compatible with multiple battery types (LiFePO4, LMLA GEL)
· Available in both offgrid and hybrid versions
· Configurable dimming profile and load wattage
· Pressure die-cast aluminum housing for sturdiness and excellent thermal management

RoadFlair Pro Solar

Application
· Highways, Street, Road, Parking...

Versions

RoadFlair Pro Solar

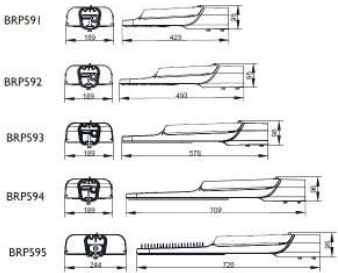RoadFlair Pro Solar

RoadFlair Pro Solar
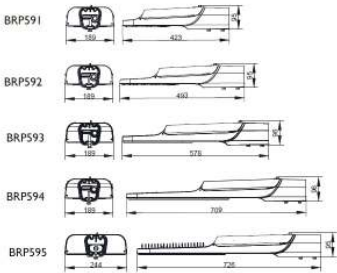
RoadFlair Pro Solar

RoadFlair Pro Solar

Dimensional drawing

Product Size
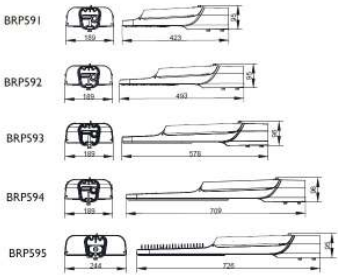
BRP591		423
BRP592	189	493
BRP593	189	578
BRP594	189	709
BRP595	244	726

Unit mm

Product Size

BRP591		423
BRP592	189	493
BRP593	189	578
BRP594	189	709
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Unit mm

RoadFlair Pro Solar

Dimensional drawing
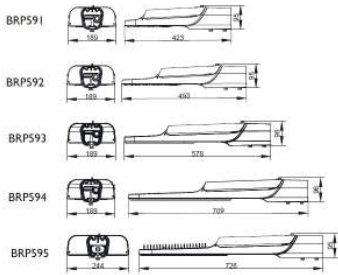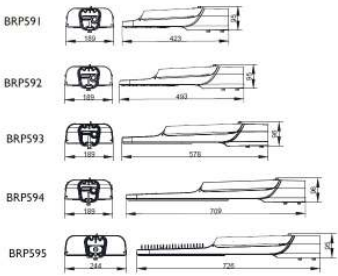
Light Technical

Correlated Color Temperature (Nom)	5700 K
Color rendering index (CRI)	>70

Operating and Electrical

Grid connection type	Offgrid and hybrid (separate Hybrid Charger)

Controls and Dimming

Dimmable	Yes
Configurability	Configurable
Solar dimming profile	As per charge controler settings

Mechanical and Housing

Battery location	No
Housing Color	Gray
Ingress protection code	IP66

Approval and Application

Ambient temperature range	–40 to +50 °C

Mechanical and Housing

Order Code	Full Product Name	Overall height	Overall length	Overall width
911401525343	BRP595 LED473/757 280W DM Solar	95 mm	726 mm	244 mm
911401525643	BRP592 LED202/757 120W DM Solar	95 mm	493 mm	189 mm
911401525443	BRP594 LED386/757 240W DM Solar	96 mm	709 mm	189 mm
911401525743	BRP591 LED150/757 90W DM Solar	95 mm	423 mm	189 mm
911401525543	BRP593 LED251/757 150W DM Solar	96 mm	578 mm	189 mm

www.lighting.philips.com

2024, June 13 – data subject to change