

DBS180 Series multi-directional solar powered street lighting system

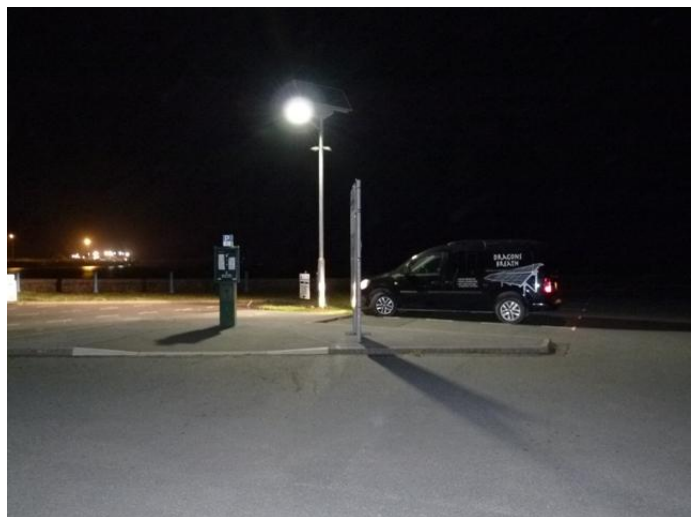
The DBS180 multi-directional high performance mid range street lighting system is designed for path, walk way and car park lighting. Each solar panel is fitted to clamp on an angled battery box. This solar panel is sized to capture all available sunlight in a given place.

We can offer this in three styles:

- Option 1. standard sensor operated control system 30%-100%.
- Option 2. providing zero light until triggered by PIR sensor. This is a timed control system for 1 minute intervals when required.
- The clamp on LED luminary system can be rotated separately. Designed using P.b battery system, LED luminaries are running @ between 1080 - 2025lm.

The DBS180 solar light can operate from dusk until dawn (based upon localised historical evidence) Ask for full details relating to your location..

The quality of components used within the system, and the warranty of the products within the package offer long life performance. If you require a larger capacity, we offer a design service coupled with after sales backup. We are able to provide a system that is designed to suit any location. Our company fully understand the requirements needs involved within energy storage. We have 20+ years experience in battery management and storage solutions.



Applications for DBS180 Series multi-directional solar street lighting

Community lighting
Path lighting
Wildlife lighting
Gate lighting
Un-adopted areas
Footpaths
Signs and banners
Estates

Farm lighting
Park lighting
Walkway lighting
Moorings & Marinas
Estates
Car Park lighting
Street Lighting

Car Park Lights®

DBS180 Series multi-directional solar street lights

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Car Park Lighting

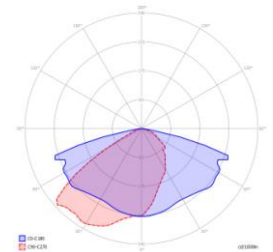
DBS180 Series multi-directional solar street lights

DBS180 Series multi-directional technical values

2025lm LED Luminaire for remote applications

Lighting features

12v LED	1080-2025 Lm
Minimum CRI (colour rendering index)	85
Colour temperature	4000-6000k
Optic	Asymmetric for street/car park lighting
LED's	Batwing spread
Initial luminaries flux (lm)	2000
LUM EFF (lm/W)	135
Power supply	12 VDC
Power consumption (W)	18
Electrical insulation class	III (SELV)
Automatic charge control regulation	5-6 hours to fully charge battery
Autonomy	2 days
Luminous flux	100%
LED thermal protection	Control of heat -25° C ~ 60° C
Solar panel	Mono-crystalline (25 years life) matched to location
Battery	Lithium battery (3000 cycles)
Fixing	89mm diameter
Tilt angle	0-30°
Protection degree	IP65
Weight	45kg
Height	4.5m
Space between lights	12-18m
Size	850 x 430 x 120mm
Standard warranty	60 months



BDS luminary:

- Units will provide lighting from dusk at 100%.
This is a fully automated system to provide light using the full capacity of solar irradiance available.
P.b batteries excluded from warranty

E.&O.E.



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