

DBS1800 Series multi-directional solar powered street lighting system

The DBS1800 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:

- Standard option. Pre set for pre determined amount of hour's illumination each evening.
- Sensor operated control system. Providing zero light until triggered by PIR sensor
- Timed control system. Can be set to operate from dusk for set number of hours. With option to operate 1-2 hours before dawn as required.

The clamp on LED luminary system can be rotated separately. Designed using P.b battery system, LED luminaries are running @ 2610lm.

The DBS1800 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 DBS1800 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®
DBS1800 Series multi-directional solar street lights
Tel: 01646 600151
E: info@carparklights.co.uk

Car Park Lighting

DBS1800 Series multi-directional solar street lights

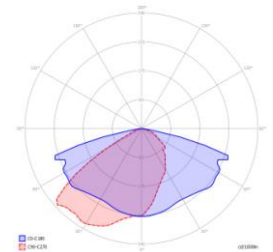


DBS1800 Series multi-directional technical values

2610lm LED Luminaire for remote applications

Lighting features

12v LED	2610 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)	2500- 2610
LUM EFF (lm/W)	145
Power supply	12-24 VDC
Power consumption (W)	18
Electrical insulation class	III (SELV)
Automatic charge control regulation	5-6 hours to fully charge battery
Autonomy	2-3 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	Lead acid battery (800 cycles) matched to battery
Fixing	100mm 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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