

DBS120 Series multi-directional solar powered Path or walkway lighting system

The DBS120 multi-directional high luminescence lighting system is designed for path, walk way and small car parks. The solar panel is designed to be post fitted via stainless steel clamp onto our angled battery box. The solar panel is sized to capture all available sunlight in a given place.

This style of lighting will provide:

- Standard option illumination as required from dusk until dawn.
- Sensor operated control system. Providing zero light until triggered by PIR sensor
- This will then operate for 5 minutes before going back to standby mode.
- Between 30-40 activations each evening.
- This provides solar path or walk way lighting as an adjustable system designed to be multi-directional. This clamp on system can be rotated separately. This solar P.b lighting system has been designed around LED luminaries running @ 1740lm maximum power. The low level DBS1200 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 DBS120 multi-directional solar 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

Car Park Lights®

DBS120 multi-directional solar lights

Tel: 01646 600151

E: info@carparklights.co.uk



Solar Lighting

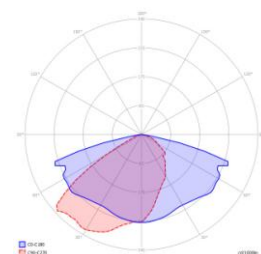
DBS120 multi-directional solar lights

DBS120 multi-directional technical values

1740lm LED Luminaire for remote applications

Lighting features

12v LED	1740 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)	1500- 1740
LUM EFF (lm/W)	145
Power supply	12 VDC
Power consumption (W)	12
Electrical insulation class	III (SELV)
Automatic charge control regulation	4-5 hours to fully charge battery
Autonomy	1-2 days
Luminous flux	100%
LED thermal protection	Control of heat -25° C ~ 60° C
Solar panel	Mono-crystalline (25 years life) sized to suit application
Battery capacity	Lead acid battery (800-1200 cycles) sized to suit solar panel
Fixing	76-100mm diameter
Tilt angle	0-30°
Protection degree	IP65
Weight	11.5kg
Space between lights	10-15m
Size	450 x 430 x 120mm
Standard warranty	60 months



BDS luminary:

- Units will provide lighting from dusk until dawn set to match requirements depending on location.
This is a fully automated system to provide light using the full capacity of solar irradiance available.

E.&O.E.



Car Park Lights®
DBS120 multi-directional solar lights
Tel: 01646 600151
E: info@carparklights.co.uk