

## DBS1500 Series multi-directional solar powered lighting system

The DBS multi-directional 1500 lighting system is designed for car park and large areas as a lighting solution. The solar panel is bolted onto an angled framework at the top of post, close coupled to all electronic equipment. The solar panel can then point towards the sun's energy, to capture all available sunlight in a given place.

We offer this in the option, to run @ 30% power until pedestrian movement activates the microwave sensor. This then allows the light to illuminate the LED at maximum power of 2025lm or until out of 10m range of sensor.

The low level DBS1500 series solar light provides illumination from stored energy captured in lithium-ion battery storage system. Its design provides working parameters 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 5 years warranty of the products within the package offer extended 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



### Applications for DBS1500 series multi-directional solar lighting

- |                    |                    |
|--------------------|--------------------|
| Community lighting | Farm lighting      |
| Path lighting      | Park lighting      |
| Wildlife lighting  | Walkway lighting   |
| Gate lighting      | Moorings & Marinas |
| Un-adopted areas   | Estates            |
| Footpaths          | Car Park lighting  |
| Signs and banners  |                    |
| Estates            |                    |

***Car Park Lights®***

***DBS1500 series multi-directional solar lights***

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# Car Park Lighting

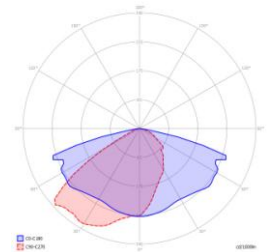
## DBS1500 Series multi-directional solar lights

### DBS1500 Series multi-directional technical values

### 2025lm LED Luminaire for remote applications

#### Lighting features

12v LED	85
Minimum CRI (colour rendering index)	4000-6000k
Colour temperature	Asymmetric for street/car park lighting
Optic	Batwing spread
LED's	1850- 2025
Initial luminaries flux (lm)	135
LUM EFF (lm/W)	12 VDC
Power supply	15
Power consumption (W)	III (SELV)
Electrical insulation class	4-5 hours to fully charge battery
Automatic charge control regulation	1-2 days
Autonomy	30-100%
Luminous flux	Control of heat -25° C ~ 60° C
LED thermal protection	Mono-crystalline (25 years life) sized to match location
Solar panel	lithium-ion battery (2000 cycles) sized to match battery
Battery	89mm diameter
Fixing	0-30°
Tilt angle	IP65
Protection degree	11.5kg
Weight	4m
Height	10-15m
Space between lights	850 x 430 x 120mm
Size	60 months
Standard warranty	



#### BDS luminary:

- Units will provide lighting from dusk from 30-100%. Operation when pedestrians trigger microwave sensor. This is a fully automated system to provide light using the full capacity of solar irradiance available.

E.&O.E.



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