

# DBS2400 Series multi-directional solar powered street lighting system

The DBS2400 multi-directional high performance galvanised steel construction solar street lighting system. This is designed for street, 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 two styles:

- Standard option. Pre set for pre determined amount of hour's illumination each evening.
- 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 @ 3480lm.

The DBS2400 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 DBS2400 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®***

*DBS2400 Series multi-directional solar street lights*

*Tel: 01646 600151*

*E: [info@carparklights.co.uk](mailto:info@carparklights.co.uk)*



# Car Park Lighting

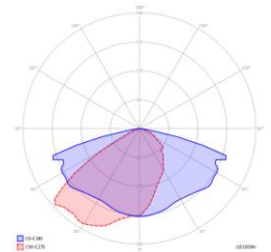
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## DBS2400 Series multi-directional technical values

### 3480lm LED Luminaire for remote applications

#### Lighting features

12v LED	3480 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)	<b>3100- 3480</b>
LUM EFF (lm/W)	145
Power supply	24 VDC
Power consumption (W)	24
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) Full size matched to location
Battery	Lead acid battery (800 cycles) matched to solar panel
Fixing	100-114mm diameter @ 5-6m
Tilt angle	0-30°
Protection degree	IP65
Weight	45kg
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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