

# DBS Multi-directional solar powered sign lighting system

- Developed for signage these solar road sign lights provide areas without natural light. Designed to allow many places across the UK sign illumination. The signage light units are assembled to allow information to be permanently illuminated from dusk.
- These can be small signage layouts to large 2.4m pedestrian or motor vehicle information banners. Can be in used in thousands of locations from forestry information, pathways, marina walkway, and access to industrial site layouts. Health and safety information at any location. All regulations pertaining to avoiding accidents can be mounted clearly for everyone to understand.
- We can design this system to work for the same duration across the country in specific design packages. These can be used in the South of England, Midlands, North of England, and Scotland models to provide illumination each day.
- By using our system, we can provide 3 days autonomy. By rotating the solar panel towards the suns horizon and fixing separately from the LED sign light increases the solar gain achievable. This then allows the orientation of the LED light to any point 360 degrees at information around either 76 or 89mm posts.



## Applications for multi-directional solar sign lighting

Community information

Directions

Park display

Moorings & Marinas

Estates

Opening times

Footpaths

Signs and banners

***Car Park Lights®***

***DBS multi-directional solar sign lights***

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# Solar Sign Lighting

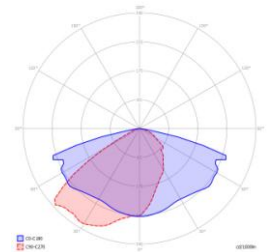
## DBS multi-directional solar sign lights

DBS multi-directional sign light technical values

3w LED Luminaire @ 330lm for remote applications

### Lighting features

12v LED	330 Lm
Minimum CRI (colour rendering index)	85
Colour temperature	4000-6000k
Optic	Asymmetric for street/car park lighting
LED's	Batwing spread (3w)
Initial luminaries flux (lm)	300- 330
LUM EFF (lm/W)	110
Power supply	12 VDC
Power consumption (W)	3
Electrical insulation class	III (SELV)
Automatic charge control regulation	4-5 hours to fully charge battery
Autonomy	2-3 days
Luminous flux	100%
LED thermal protection	Control of heat -25° C ~ 60° C
Solar panel	matched to suit location (25 years life)
Battery capacity	Lead acid battery (800 cycles) matched to solar panel requirements
Fixing	76-890mm diameter
Protection degree	IP65
Weight	5kg
Standard warranty	36 months



BDS luminary:

- Units will provide lighting from dusk. Operation time can be set to match requirements depending on location. 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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