

DBS Canopy solar lighting pack

The DBS canopy solar lighting pack is designed for car park shelters. Where places like toilet blocks and other similar areas are not illuminated after dark. The solar panel is bolted onto roof. This solar panel is sized to capture all available sunlight in a given place.

According to this design, the energy is stored in a high performance lithium-ion battery. This will then distribute the stored charge to illuminate our low voltage luminary from dusk @ 30% to 100% at times when required.

A typical solar lighting system is made up from the following components; pole or column, battery system, luminary, solar panel, control system and wiring.

This provides solar car park path lighting system designed to be orientated to the desired position. This is a sit on post system can be. Note the quality of components used within the system, and the warranty of the products within the package.

We offer design experience and after sales backup. Our company will be able to provide a system that is designed around your local weather conditions to suit any location.

We understand the requirements of needs in energy storage. We have many years experience in battery management and storage solutions



Applications for DBS Canopy lighting pack

Canopy lighting	Toilet blocks
Community lighting	Waiting areas
Wildlife lighting	Park lighting
Gate lighting	Walkway lighting
Un-adopted areas	Moorings & Marinas
Footpaths	Estates
Signs and banners	

Car Park Lights®
DBS Canopy solar lighting pack
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Car Park Lighting

DBS Canopy solar lighting pack

DBS Canopy solar lighting pack technical values

1620lm LED Luminaire for shelters & waiting areas in remote locations

Lighting features

12v LED	1620 Lm
Minimum CRI (colour rendering index)	85
Colour temperature	4000-6000k
Optic	Asymmetric for street/car park lighting
Initial luminaries flux (lm)	1600- 1620
LUM EFF (lm/W)	135
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	30-100%
LED thermal protection	Control of heat -25° C ~ 60° C
Solar panel	Mono-crystalline (25 years life) supplied to suit application
Battery	Lithium-ion battery (2000 cycles) matched to solar panel
Fixing	as required
Tilt angle	0-30°
Protection degree	IP65
Weight	11.5kg
Space between lights	10-15m
Size	850 x 430 x 120mm
Standard warranty	36 months



BDS luminary:

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

E.&O.E.



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