

# DRAGONS BREATH SOLAR

## DBS120180 Bespoke multi-directional solar powered car park lighting system



The Dragons Breath Solar 1201 multi-directional car park lighting system has been designed for locations where power is not readily available. This is driven by the power from the sun's orbit across the sky each day. The solar panel and light arm are separate, allowing the LED light unit to be positioned in the direction needed. This then allows the installer to rotate the solar panel/battery box to the correct position, due south. These can be installed onto new or existing suitable columns.

We provide this DBS120180 multi-directional solar powered lighting system in two formats. Each of these will use the 12w LED light unit @ 145Lw/m, giving a nice warm colour of 3500k @ 1740 lumens. This has been designed to be mechanically fixed quickly and effectively. The battery/solar panel box is manufactured from powder coated steel. Reflecting the optimum lumen performance using the improved controller unit, this can be set to only operate when needed or at times selected within the controller's memory. Measured to work in locations up and down the country.

Using high performance European produced LED chip sets are powered by a li-ion (LiFePo4) or AGM style batteries, this system can be set to operate and provide between 2-3 days autonomy. When the PIR unit detects pedestrian or vehicular movement, it allows the superior light to stay on for 5-minute segments. Allowing enough time for many to reach and open cars safely.

The bespoke light units should be affixed at 4-5m above ground and between 12-15m apart allowing the solar panel to point near to south as possible.

Each product has 5 years warranty

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