

DRAGONS BREATH SOLAR

DBS101 bespoke multi-directional solar powered street lighting system



The Dragons Breath Solar 101 lighting system has been designed for remote locations that require light for larger areas. These can be constructed and fixed to new or existing columns.

We provide these in two distinct sizes for maximum storage. The fixing has been designed to withstand extreme weather conditions. Solar panel and led lighting units are measured against location, providing an efficient method of illuminating almost any area. The lm output of LED's are configured to match locations up and down the country.

Each lighting system has been manufactured to reflect the maximum efficiency available using high performance LED's set-in banks of 60 between an IK10 impact resistant glass panel and the cast aluminium housing. Within the housing we incorporate li-ion (LiFePo4) battery pack to provide 2-3 days built in autonomy. Our electronic controllers deliver power to the LED's using photocell technology, this has been developed to provide background illumination from dusk @ 30%. The sensor within the light unit will detect pedestrian or vehicular movement, this will trigger the controller to power 100% for 1 minute or until outside of sensor ranges of 10m.

The light units are affixed onto an arm that can be mounted above or below the solar panel, allowing the solar panel and arm to be set separately. This allows the solar panel to always point south to pick up the maximum solar gain following the Sun's azimuth each day.

Each product has 5 years warranty

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