

# *DRAGONS BREATH SOLAR*

## *DBS165M Multi-directional solar powered street lighting system*



The Dragons Breath Solar 165M multi-directional lighting system has been designed for remote locations where the sun's orbit across the sky is different to that of the light itself. This allows the installer to rotate the LED lighting unit to the position best suited. Then the solar panel can be permanently mounted on its pedestal to face south. These can be constructed and fixed to new or existing suitable columns.

We provide this DBS165M multi-directional solar powered lighting system in two sizes with 3500k @ 1700-2040 lumens. This has been designed to be mechanically fixed quickly and effectively in under 30 minutes. This is manufactured from aluminium and tested to IP65. We can set these to reflect the optimum lumen performance which can be measured against locations up and down the country.

Using high performance Bridgelux LED chip sets are powered by a li-ion (LiFePo4) battery pack to provide 2-3 days autonomy. Electronic controllers deliver power to the LED's using photocell technology to detect pedestrian movement. Providing background illumination from dusk @ 25%. The sensor within the light unit will detect pedestrian or vehicular movement, this will then trigger the controller to power 100% for 1 minute or until outside of sensor ranges of 10m.

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

Each product has 3 years warranty

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