

DRAGONS BREATH SOLAR

DBS180D Community solar lighting system

Easily change battery
and control system



The Dragons Breath Solar community lighting system ref: DBS180D is a single directional unit. This is designed so that the lithium battery and controller can be easily changed when required or at the end of serviceable life. Ideal for locations where mains power supplies do not exist. Which is where this slot over top of post design allows the installer a simple task. This solar light slots over 76 or 89mm post. Once switched on using just one button, will start to generate power into batteries for uses when required. This solar lighting system provides the user two options of power. These can be fixed permanently onto new or existing columns of 3.5-4.5m above ground and around 10m apart, this easy assembled unit will allow the installer to finish installation in under 10 minutes. The LED lighting unit then positioned to suit locational needs. The fixing is a permanent fixture using stainless steel mechanical screws. The solar panel needs to be mounted in its pedestal to face south. The LED then faces north.

We provide this DBS180D solar powered lighting system in two sizes with 4000-5000k @ 1030-1350 lumens. This type of light unit is classed as a one piece manufactured from aluminium and tested to IP65. This system designed to provide optimum output 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 days autonomy. Electronic controllers deliver power to the LED's using photocell technology to detect pedestrian movement. Providing background illumination from dusk @ 30%. 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 3.5-4m above ground allowing the solar panel to point near to south as possible.

Each product has 3 years warranty

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