



## Dragon Communal Solar Light DBS165

Communal Solar Light System, DBS165 is designed for frequent footfall illumination in rural UK locations, offering maintenance-free solar-powered lighting to parkland solutions.

**Product Overview** The parkland light system provides illumination using large solar energy panel stored into high-performance lithium phosphate batteries, suitable for remote areas, where lighting is needed when required.

**Design and Features** The system features a low voltage LED with high color rendering temperature of 3000-4000K, and a wide beam spread. The medium solar panel, is mounted on top of luminary, and can be oriented to maximize available sunlight capture, pointing south. IP65 protected, weighs 15kg, and includes, automatic charge regulation, c/w 60-month warranty.

**Operational Functionality** Each unit is commissioned prior to arriving on site, automatically switching on at sunrise to charge and off at sunset ready to illuminate when required. This parkland system is fully automated, requiring only annual cleaning of the 100m solar panel, and operates reliably year-round.

**Applications** This is a frequent use system, suitable for diverse locations such as pathways, and walkways.



Dragons Breath® Communal Solar Light DBS165

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# Dragons' Breath Communal Solar walkway light technical values

## High performance post mounted LED for all walkway applications

- ▶ Led light 12w Luminous flux capacity 2280 Lm
- ▶ Minimum CRI (color rendering index) >82 Optic Asymmetric for lighting
- ▶ Lifetime 12-15 years
- ▶ System voltage 18.3v Cell efficiency 22.5%
- ▶ Battery LiFePo4 @ 12.3v (30Ah) DOD 6000 cycles DOD 80%
- ▶ Discharge time on full power 24hrs
- ▶ Temperature -15°C ~ + 60°C
- ▶ LED source type SMD5050 Color temperature 3000-4000k
- ▶ Beam angle 120° DARK SKY COMPLIANT
- ▶ Constructive features Lightweight Grey Body Aluminum die casting tempered Glass Lens material Tempered glass IK10
- ▶ Installation 76mm pole
- ▶ IP65 Impact grade IK15 Weight 12kg
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