

# DBS805 Multi-directional Solar Lighting System

*This lighting system is designed for aspects of illumination in rural locations across the UK.*

*DBS805 Multi-directional solar powered lighting system*

*Developed by DBS specifically for the UK market. Provides illumination in locations without AC lighting infrastructure. Designed to allow many places across the UK with illumination. These light units are assembled to order in a custom-made manor providing illumination from dusk until dawn.*

*These can be used in thousands of locations from pathways, marina walkway, car parks, playing areas, schools and access to industrial sites. Ideal for all locations across the UK.*

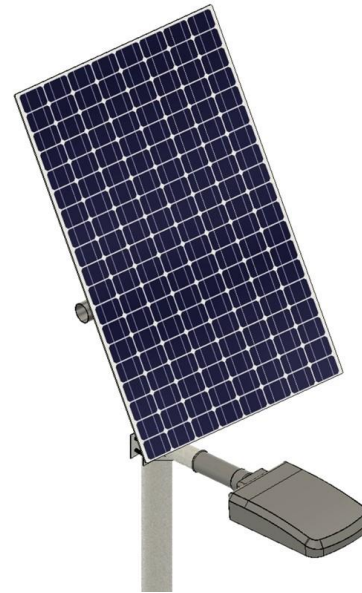
*We can design and set this system to specific time packages. These can be used in the South of England, Midlands, North of England, and Scotland models to provide 12 hours plus illumination each day.*

*By using our system, we can provide 2-3 days autonomy. By rotating the solar panel towards the sun's horizon, it is fixed separately from the LED light increases the solar gain to a maximum. The orientation of the LED light can be allowed to point 360 degrees around 89-114mm posts*

*The solar panel is mounted on the top of the column pointing south. Solar panel is sized to capture all available sunlight in a given place each day. According to this design, the energy is stored in a high-performance lithium phosphate battery which then distributes charge to illuminate luminary.*

*Dragons Breath® DBS805 Multi-Directional Solar Lighting System*

*Tel: 01646 600151 E: [sales@dragonsbreathsolar.co.uk](mailto:sales@dragonsbreathsolar.co.uk)*



- Features 12v LED
- Minimum CRI (colour rendering index) 85
- Colour temperature 3000-4000k
- LED's SMD3030 72Pcs (1w)
- Batwing spread
- luminaries' flux (lm) 870-4350
- LUM EFF (lm/W) 145
- Power consumption (W) 6-30
- Electrical insulation class III (SELV)
- Automatic charge control regulation 4-5 hours to fully charge battery
- Autonomy 2-3 days
- Luminous flux value 30-100%
- LED thermal protection Control of heat -25° C ~ 60° C
- Solar PV panel 80-150w
- PV panel mono-crystalline (25 years life)
- Battery 307-460wh (6000 cycles)
- Battery discharge time 12 hours
- Fixing 89-114mm diameter
- Protection degree IP65
- Weight 6kg
- Standard warranty 60 months
- 12v | CE | IP67 | RHOS

W.&O.E.