

### MAIN ASSETS

Our Zoned Atex Light provides long lasting, powerful and high quality illumination in a completely portable, compact and lightweight 8.5kg design.

It benefits by using a 12 hour battery which makes it ideal for multi-task use, and with Zone II Atex Certification it means it can be used in Hazardous areas.

The illumination characteristics are low glare, high power, daylight colour balance and excellent Ra index and this ensures that our Global Energy light is equally suitable for task specific, general illumination and emergency use.

Health and Safety benefits include being low voltage, no trailing cables, zero pollution, negligible thermal footprint and silent operation.

Cost savings are achieved by the lack of need of generator or compressed air powered products, leaving virtually zero maintenance on whole life cost. Environmentally, our compact and portable light emits zero pollution, saving 2.5 tons of CO<sub>2</sub>, compared with normal electric or compressed air operated lights. We are proud that our light is approved by the carbon trust and has received the UK Government Green Product award for the battery and charger technology.



### TECHNICAL DATA

Light Serial Number	Individual
Certificate Number	EPSILON 06 ATEX 2098X
Protection Category	Type N; Energy limited apparatus and circuits; non sparking safety light falling below the voltage and temperature for shut down issues.
Approval	CE 113GDEx.NanL IIC T4T81C (ATEX CAT 3)(ATEX DIRECTIVE 94\9EC)
Area Classification D	T81 C
Temperature Classification G	T4
Apparatus Standards	BSEN 60079-0; BSEN 60079-15:2005; BSEN 50281-1-1:1999; IEC60529;; EN61241-0; EN61241-1
Enclosure Material	Admiralty grade pressure Diecast Aluminium powder coated.
Lens	Polycarbonate-UV grade/Lexon
Beam Type	Wide angled directional flood/daylight colour balanced.
Light Source	2 x 11w long life CFL. 2 x independent elec. controls.
Light Output/efficiency	c.2000 lumens/c.100lumens per watt.
Light Duration	100% full power=12hours.
Power Supply/Type	Sealed rechargeable battery, from 230v ac.
Volt / Frequency	12v 18ah / 380-420 nanometres.
Battery Life/Recharge Time	1000 cycles. Approx 2.7 years / 6 hours.
Ambient Temperature	-20c to +40c
Environmental Protection	IP68 ultra low voltage.
Carbon Discharge	Zero.