

ATEX Guardian Zone II CFL/LED

Product Description

The ATEX Guardian Zone II CFL and LED are rechargeable, durable, lightweight units certified for safe use within Zone II potentially explosives atmospheres containing gas, vapour, mist and dust. Able to use within T4 classification, the CFL model delivers a soft, daylight balanced output of 2000 lumens for up to 12 hours; and the LED model delivers an intense, daylight output of 2780 lumens for up to 9 hours. Low maintenance and easy to use, the CFL model comes with service life of 10,000 hours whilst the LED model has a service life of 35,000 hours.

The built-in high frequency inverters on the CFL model and the highly efficient driver circuitry on the LED model enable consistent operation for the entire duration of the battery life with in-built overvoltage, overcurrent and thermal protection for safe operation. Both models are fitted with audio and visual indicators for low battery to alert the user and to protect the battery. The lights can be charged from a voltage range of 100Vac to 264vac with a UK/EU/US/AU plug and is provided with indicative charging status. Built from high pressure, die-cast aluminium and specially coated, the light is able to withstand the harsh, corrosive conditions expected in potentially hazardous environments. The unit is made of two IP65 rated enclosures, meaning they are fully dust tight and able to withstand small water jets from all angles, and are connected together on an adjustable bracket. The light-head enclosure is complete with a 3mm thick UV resistant, ductile, polycarbonate lens.



TECHNICAL DATA		
Model:	Zone II Guardian CFL	Zone II Guardian LED
Output (Lumens):	2000	2780
Power:	2x 11W CFLs	16x 1W LEDs
Marking:	Ex II 3GD Ex nA nL IIC T4 T81C	Ex II 3GD Ex ec ic mc IIC T4 Gc Ex tc IIIC T81C Dc
Operation (Hours):	12	9
Weight (kg):	8.5	8.25
Ingress Protection:	IP65	
Ambient Temperature (°C):	-20 to +40	
Colour Temperature (K):	4000	5000
Battery:	Valve Regulated Absorbent Glass Mat Sealed Lead Acid	
Capacity:	18Ah	
Service Life (Hours):	10,000	35,000
Charging Voltage (V ac):	100 to 264	
Recharge Time (Hours):	9 from 0%	
Dimensions (mm):	263 x 242 x 565	