

Product Description

The Aurora LED is a lightweight, portable, rechargeable floodlight capable of delivering a high output for extended durations in the most challenging of environments. The highly efficient LEDs provide an intense, daylight output of up to 8000 lumens complete with a dimming function for low, medium and high output for durations up to 31 hours. The dimming function enables all of the LEDs to age at the same rate providing a service life of 50,000 hours.

The highly efficient drive circuitry for the LEDs enables consistent operation for the entire duration of the battery life with in-built overvoltage, overcurrent, polarity and thermal protection. The Aurora LED utilises a visual indicator to inform the user of the capacity of the battery with a simple traffic light system. When the capacity is low, a built in audio indicator will sound. The light can be charged from a mains supply of 100Vac to 264Vac with a UK/US/EU/AU plug and from a low voltage dc supply of 12Vdc.

Built from high pressure, die-cast aluminium the light is capable of withstanding demanding industrial environments, inclusive of areas containing NORM. 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			
Version (Setting):	Low	Medium	High
Output (Lumens):	1000	3000	8000
Power (Watts):	6.6	18.6	48.6
Operation (Hours):	31	11	4.25
Weight (kg):	9		
Ingress Protection:	IP65		
Ambient Temperature (°C):	-20 to +40		
Colour Temperature (K):	5000		
Battery:	Valve Regulated Absorbent Glass Mat Sealed Lead Acid		
Capacity:	18Ah		
Service Life (Hours):	50,000		
Charging Voltage (V):	100Vac to 264Vac; 12Vdc		
Recharge Time (Hours):	9 from 0%		

BME Nitech Ltd.

T: 01224 825320 E: sales@bmenitech.co.uk W: www.bmenitech.co.uk

Registered Office: 37 Albert Street, Aberdeen, AB12 1XU Registered in Scotland, Company no. SC 511494 VAT Registration: 123343255