

The Aurora LED is a NSN (NATO) codified light-weight, portable, rechargeable floodlight capable of delivering a high output for extended durations in the most challenging of environments. The highly efficient LEDs deliver an intense, 6000k daylight-white output of up to 8000 lumens. The Aurora LED is complete with a dimming function for low, medium, and high modes for durations of up to 31 hours. The dimming function enables all the LEDs to age at the same rate, providing a light source service life of up to 100,000 hours.



Built from high pressure, die-cast aluminium and specially coated, the Aurora LED can withstand harsh and demanding industrial and commercial environments. The Aurora LED enclosures are rated to IP66 and IP67 giving protection from the ingress of dust and powerful jets of water. The enclosure also protects the Aurora LED from up to 1M of submersion in water. The 3mm thick polycarbonate lens is impact resistant and can be provided with anti-static covers. The complete design and build meet the following standards of construction:

55014-1:2017+A11:2020;
550142:2021; 55015:2019+A11:2020;
60529:1992+A2:2013; 60598-1:2021+A11:2022;
61000-6-2:2019; and 61000-6-4:2019.

The drive circuitry for the LEDs provides consistent operation for the entire duration of the battery life with in-built overvoltage, overcurrent, polarity, and thermal protection. The Aurora LED has a visual and audio indicator to inform the user of the capacity of the battery. The Aurora LED is provided with a mains charger that can accept 100 to 264 Vac at either 50 or 60 Hz. A UK/US/EU/AU plug attachment can be provided. 12Vdc chargers are compatible with this product. Extension poles in sizes of 0.25M, 1M and 1.5M are available.



TECHNICAL DATA	
Light Output:	Low: 1000 Lumens Medium: 3000 Lumens High: 8000 Lumens
Light Source:	30x LEDs
Light Operation Duration:	Low: 31 Hours Medium: 11 Hours High: 4.25 Hours
Light Source Service Life:	Up to 100,000 Hours
Flood Angle:	20° (Customisable Upon Request)
Battery Type:	Valve Regulated Absorbent Glass Mat Sealed Lead Acid
Battery Capacity:	18Ah
Battery Voltage:	12V
Battery Cycle Life:	Up to 1200 Recharge Cycles
Charger Supply:	12V _{dc} 100V _{ac} – 264V _{ac} at 0.7A at 50/60Hz
Recharge Rate:	2Ah/Hour
Ingress Protection:	IP66/67
Operating Temperature Range:	-20°C to +40°C
Weight:	9kg
Dimensions:	269mm x 243mm x 517mm
NSN Code:	6230-99-991-0504

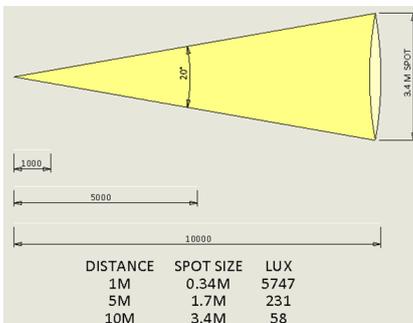


Figure 1 - 1000 Lumens

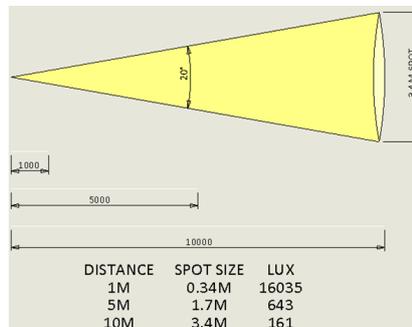


Figure 2 - 3000 Lumens

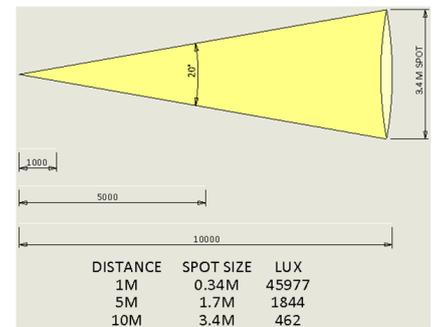


Figure 3 - 8000 Lumens