
The SEAL NED Lite

Universal Multi-function Lighting System.



INTRODUCTION

The SEAL NED Lite, shown in Figure 1, is an award winning, rechargeable, multi-functional, portable light.



Figure 1 – SEAL NED Lite

Its revolutionary patented design, which includes a solar charging option, is both user and environmentally friendly, encompassing the latest advances in electronic and battery technology to increase product life and make the SEAL NED Lite a time-saving, space saving, cost-effective and virtually maintenance free product. A design which earned it a UK SMART award in 2003.

The SEAL System consists of 12 SEAL NED Lites, which are supplied in a Storm proof carrying case (shown in Figure 2, overleaf), which enables the system to be stored and charged simultaneously, via 12V supply (vehicle lighter socket) or mains electricity.

The SEAL NED Lite is available in yellow or drab olive.

APPLICATIONS

Due to the multifunctional nature of the system and the range of lens covers available for the system, the SEAL NED Lite can be used in many scenarios where any emergency lighting is required, such as:

- Police Authority
(Marking the scene of an accident or incident)
- Emergency Services & Hospitals
(Emergency Helipad System)
- Armed Forces
(Portable helipad system and all types of runway lighting, covert lenses available)
- Aviation, Airport Authorities
(Temporary Landing Lights, Runway Edge Markers, Glim Lights, Runway End Lights, Obstruction Lights)
- Hotels, Hospitality and Corporate uses
(Quick deployment of helipad system on real estate, e.g. rooftops, playfields (Figure 3), vehicle parking areas.)



Figure 2 – Seal NED Lite in Storm Case

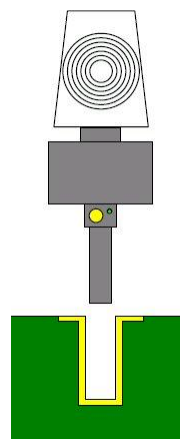


Figure 3 – Deployed, in suitable ground, using a T-Piece

ADDITIONAL COMPONENTS

When supplied with optional base unit the following features are available:

- Solar Charging
- Daylight Sensing
- Remote Control Operation
- Additional 60 Hours of Light @ 60 Cd

Various types of lenses are available for the SEAL System, including:

- Orange
- Red
- Clear
- Blue
- NVG
- IR
- Custom Colours Available

Replacement bulbs are available for the system.

SPECIFICATION

Tables 1, 2 and 3 outline the luminosity, battery Life and dimensions of the SEAL NED Lite, and the dimensions of the storm case respectively.

Setting	Luminosity (Candela +/- 5)	Battery Life (Hrs)
1	60	13
2	100	7.5
3	60 (Flashing 60FPS)	13

Table 1- Luminosity and Battery Life

Width (mm)	Height (mm)	Weight (Kg)
115	340	0.5

Table 2 – Approximate SEAL NED Lite Dimensions

Width (mm)	Width (mm)	Height (mm)	Weight (Kg)
625	501	366	13.5 (Case) + 12(0.5) (Lights) = 26.9

Table 3 – Storm Case Dimensions

Approvals

When operated as instructed, the SEAL NED Lite meets the following requirements:

- CAA : CAP 168
- FAA : 150/5345-50A
- FAA : 150/5345-50A
- ICAO: Annex 14

Charging

The SEAL NED Lite may be charged via the mains adaptor supplied, via a vehicle cigar lighter socket (optional) or via a solar panel (optional).

The full system can be charged, in case (shown in Figure 4), via the mains adaptor supplied, via a vehicle cigar lighter socket (optional) or via a solar panel (optional).



Figure 4 – SEAL NED Lite charging in Storm Case



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