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## **The MINI NED Lite**

Universal Multi-Function Lighting System

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## INTRODUCTION

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The Mini NED Lite, shown in Figure 1, is a rechargeable, multi-functional, portable light.



*Figure 1 – The MINI NED Lite*

Supplied in rugged, watertight casing, its innovative design encompasses the latest advances in electronic technology in bringing this revolutionary new product to market.

Due to its multifunctional nature, its multi-intensity luminosity and the range of lens covers available, it can be used in many scenarios where emergency lighting is required, applications include:

- 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, car parks.)

## SPECIFICATION

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Tables 1 and 2 outline the Luminosity, Battery Life and Dimensions of the SEAL NED Wand.

Setting	Luminosity (Candela +/- 5)	Battery Life (Hrs)
1	60 Flashing	35
2	60 Constant	34
3	100 Constant	18

*Table 1- Approximate Luminosity and Battery Life*

Length (mm)	Width (mm)	Height (mm)	Weight (Kg)
180	235	90	3.25

*Table 2 - Approximate Dimensions*

## Approvals

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When operated as instructed, the wand meets the following lighting requirements:

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

## Charging

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The wand may be charged via the mains adaptor supplied.

The charger is available in a 16-Way, 8-Way or 2-Way format, depending on customer requirements.

For example, the 16-Way charging hub will allow for up to sixteen MINI NED Lites to be charged simultaneously.

## OPERATIONAL INSTRUCTIONS

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The Unit is operated via the yellow operating button, located on the front right of the unit.

The yellow button on the unit is pressed once to turn the lamp on, at 60 Candela Flashing (Setting 1), and once again to turn the lamp off.

When the lamp is off, pressing the button twice in quick succession, whilst the indicator LED is showing yellow, will result in the unit being set at 60 Candela (Setting 2).

Similarly, when the lamp is off, pressing the button three times in quick succession, whilst the indicator LED is showing yellow, will result in the unit being set at 100 Candela (Setting 2).

### LED Signals

The indicator LED, located beside the yellow operating switch, is used to indicate the operating state of the Mini NED Lite.

Table 3 shows the meaning of the LED signals.

LED Colour	Description
Green (Flashing)	Battery Charging
Green (Constant)	Battery Full
Red (Constant)	Battery Nearly Empty
Red and Green (Yellow)	Lamp Pre- Heating

*Table 3*

## Spares/Additional Components

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Spares/Additional components for the system include replacement standard, IR and NVG bulbs, and additional lenses.

Lenses are available in the following colours:

- Orange
- Red
- Clear
- Blue (Police Operation)
- NVG (Night Vision Operation)
- Infrared (IR - Covert Activity)
- Custom Colours Available



**European Office**

Arbarr Electronics Ltd.  
Unit 14 Rathenraw Industrial  
Estate,  
Antrim,  
Northern Ireland,  
BT41 2SJ

**US Office**

Arbarr Electronics Inc.  
NI Technology & Development  
Centre,  
1675 Broadway 10<sup>th</sup> floor,  
Denver,  
Colorado 80202

T: 00 44 2894 429333 F: 00 44 2894 29178 E: [enquiries@arbarr.co.uk](mailto:enquiries@arbarr.co.uk) W: [www.arbarr.com](http://www.arbarr.com)

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