



BL Series AC User Manual

BL4000AC / BL8000AC / BL16000AC



EXIN Light by Deeps Engineering

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EXIN Light is a division of **Deeps Engineering Pty Ltd.**

All EXIN Light products are manufactured, tested, and assembled by Deeps Engineering at our facility in Salamander Bay, NSW, Australia.

For more information, please visit www.exinlight.com or www.deepsengineering.com.au



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The information contained within this Manual is based on the latest information and technical specifications available at the time of printing. Deeps Engineering reserves the right to make changes to product specifications without notice.

1. Equipment Safety Guidelines

Every year many accidents occur which could have been avoided by a few seconds of thought and adopting a more careful approach when planning a job or simply using equipment. You as the operator can avoid many accidents or even damage to the equipment by observing and following the precautions and instructions contained in this Manual.

- a) Ensure that you have fully read and understood this Manual prior to setting up, installing, operating, or charging the equipment.
- b) Never operate this equipment if under the influence of alcohol or drugs.
- c) This equipment is only to be operated by a competent person.
- d) If the ability of this equipment to carry out its intended function is in doubt, then remove it from service and return it to an Authorised Distributor for repair.
- e) When using mains power, please ensure that the connection procedure is adhered to, and only use a power supply between 100-240V. If supplying power outside this voltage range, it may cause serious injury or damage to the equipment.
- f) To maintain the IP65 rating a suitable IP65 power cable must be used.
- g) Never allow any person to mount, use or charge this equipment until they have developed a thorough understanding of the safety precautions on how it operates.
- h) In some jurisdictions, operator training or equipment documentation may be required. Please check with your local regulatory authority prior to use.
- i) The tripod (SKU BL001) is mandatory for use with this portable luminaire with all tripods legs in a fully extended position and placed on a level surface. The light must remain in a vertical position during operation.



CAUTION, risk of electric shock

2. Introduction

Thank you for purchasing an EXIN Light by Deeps Engineering. The information contained in this manual covers charging, setting up, operation and maintenance of the EXIN Light BL Series AC. This manual needs to be fully read and understood prior to the BL Series AC light being and used.

The EXIN Light BL Series AC has been developed to help with the lighting needs of consumers and for recreational activities such as boating, camping & fishing, as well as the mining sector, hire industry and service providers such as utilities (gas, water, electricity), railway trades, road maintenance, emergency services, disaster control and other industrial uses. The EXIN Light BL Series AC reduces set up time and running costs.

When removing the EXIN Light from its packaging, remember to dispose of all packaging materials in an environmentally correct manner, then, follow powering instructions in this manual to ensure that the full use of the product is realised.

3. Connection to AC Power

The BL Series AC can be connected and powered using AC power from a 100-250V, 50-60Hz supply. Supplying power outside this voltage range may cause serious injury or damage to the equipment or operator.

Before connecting the BL Series AC to your power source ensure it has been installed and certified to the appropriate requirements for your region. The power supply should be on a protected circuit/circuit breaker/RCD. Never connect the live power source in a hazardous environment (i.e. a wet environment poses numerous risks including electrocution).

1. Ensure the BL Series AC light is on a firm and stable surface.
2. Using a quality 3 pin power cable, with earthing functionality (not supplied) connect the male pin end of the cable to your power source.
3. Connect the female socket end of the power cable to the male pin inlet of the Billy Light.
4. Ensure both ends are connected securely and pushed in as far as they are able. There should be no exposed pins at either end.
5. Turn the power supply on from the source.
6. Once the power supply is live the Red indicator LED on the front of the BL Series AC light should illuminate to indicate it has a live power source connected and the light is ready for operation.

NOTE: To maintain the IP65 rating an IP65 cable must be used.

4. Operating Instructions

Place the BL Series AC light on a firm level surface. Using the tripod accessory, adjust the legs to the appropriate length to enable a vertical position of the light and ensure the clips are securely pushed in to prevent the legs contracting.

The ON/OFF switch (black) and the function switch (red) are located on the main housing directly above the power inlet socket. To start, press the black ON/OFF switch, this will turn on the Light Head. Press the RED function switch once to turn on Low Power Mode. Press again and the light will return to High Power Mode. The RED function switch will not turn the Light Head off; you must press the BLACK main power switch for complete shutdown.

5. LED Performance

The LED light source supplied with the EXIN Light has approximately 60,000 life hours when the light is used in accordance with this manual.

WARNING:

- Never use a non-standard power source for the EXIN Light. This may damage the light and void your warranty.
- While the Billy Light is IP65 rated, protecting it from dust and water ingress, it is not able to withstand caustic or corrosive environments. Exposing the light to such environments may damage the unit, void your warranty and potentially inhibit the safety of the user.

6. LED Replacement

Please consult your local distributor or the manufacturer for LED replacement.

7. Specifications

	BL4000AC	BL8000AC	BL16000AC
Gross Weight (kg)	4.5	5.2	6.4
Net Weight (kg)	3.9	4.4	5.4
Height (mm)	1,000	1,240	1,840
Width (mm)	180		
Input Voltage AC	100-240V AC 50/60Hz		
Light Type	LED		
Light Head	360 Degrees Direction		
Lumens	4,000	8,000	16,000
IP Rating	IP65 (When using an IP65 rated power cable)		

8. Spare Parts

Replacement parts are available from Deeps Engineering. Please consult your place of purchase.

9. Accessories

Optional extras are available to purchase separately, these include pole attachments suitable for mounting on telegraph poles or any other suitable upright pole like structure, a scaffold attachment - an adjustable product that will attach to most scaffold type poles (opening dimension 7cm), magnetic base and wheel attachment. We are continually expanding our Accessories range, please view our website (www.exinlight.com) to keep up to date with the latest Accessories available for your EXIN Light as some accessories may not have been available at time of printing this manual.

10. Attachments

The attachments mentioned in this manual are to be used for mounting EXIN Lights only. They are not to be used for any other purpose. All attachments are covered by our normal manufacturer's warranty. The warranty does not cover damage by intentional misuse or neglect.

11. Product Warranty

International Product Warranty

The EXIN Light is covered by a 12 month Limited Warranty (the “EXIN Light Warranty”).

Proof of Purchase

The EXIN Light Warranty can only be claimed with a copy of the dated sales receipt as proof of purchase.

The EXIN Light Warranty

EXIN Light makes every effort to ensure that its products meet high quality and durability standards and warrants to the original Customer/Purchaser of our products that each product be free from defects in materials and workmanship as follows:

The EXIN Light Warranty is a 1 year limited warranty from the time of purchase by the end-user on this EXIN Light product. This Warranty does not apply to defects due directly or indirectly to misuse, abuse, negligence or accidents, repairs or alterations outside of our facilities or our Authorised Service Agents or due to a lack of maintenance or to light tubes or LED's.

To proceed with a Warranty claim; the product must be returned via normal freight pre-paid to Deeps Engineering for examination with proof of purchase and an explanation of the problem.

To the extent permissible by law, EXIN Light:

1. Excludes all implied conditions or warranties and consumer guarantees; and
2. Limits its liability for breach of the EXIN Light Warranty or for breach of any non-excludable warranty, condition or consumer guarantee to:
 - a. Replacement of the defective good; or
 - b. Repair of the defective good.
3. Excludes all liability for death, injuries to persons or property or for incidental, contingent, special or consequential damages arising from the use of our Products.

Local Laws

It is the responsibility of the Distributor to ensure that EXIN Light's Products, Packaging and Labelling comply with any laws in the Distributor's jurisdiction that impact on the distribution of the EXIN Light in such jurisdiction. Should such laws impact on such issues as labelling, registration or certification of the product or warranties, it is the

responsibility of the Distributor to provide full details of such issues to EXIN Light before orders are placed. Any changes required to EXIN Light's labelling or products will be at the cost of the Distributor.

Date of Warranty Claim: _____

Purchaser's Name: _____

Purchase Date: _____

Purchased from (Company Name): _____

Product Name: _____

Product Model: _____

Serial No: _____

NOTES: