

EC CERTIFICATE OF CONFORMITY

The EU Directives covered by this Declaration:

72/23/EEC Low Voltage Directive, amended by 93/68/EEC

The products covered by this Declaration:

Defender Egg Light™

Defender Egg Light is a portable multi-purpose task light consisting of a polycarbonate dome and a high-impact counterbalancing ABS base. Complete with 60W bayonet cap-type 'rough service' lamp. Designated as 2 models -- 110V and 240V versions, both with self-righting properties.

The Basis on which conformity is being Declared:

The product identified above complies with the requirements of the above EU Directives by meeting the following standards:

BS EN 60598-1:2000,

Luminaires – general Requirements and Tests

BS EN 60598-2-4:1998,

Portable general purpose luminaires.

The technical documentation required to demonstrate that the product meets the requirements of the Low Voltage Directive has been compiled by the signatory below and is available for inspection by the relevant enforcement authorities.

The CE mark was first applied in 2002.

The product described above complies with the essential requirements of the directives specified.

Signed:



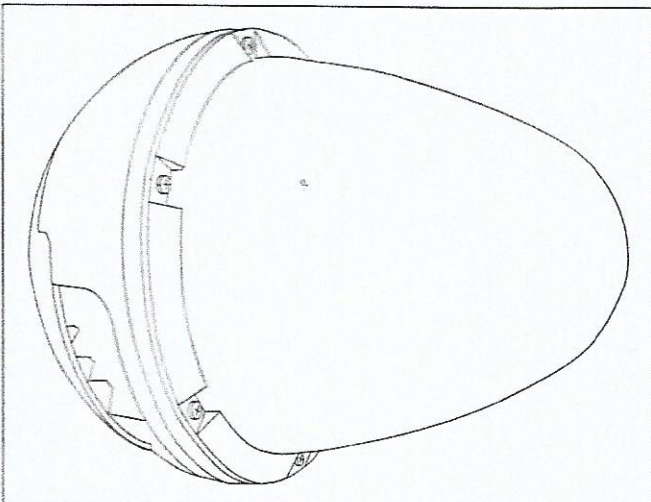
Anthony Smith - Managing Director

DATE: 10/1/102

ATTENTION:

The attention of the specifier, purchaser, installer, or user is drawn to special measures and limitations to use, which must be observed when the product is taken into service to maintain compliance with the above directives. Details of these special measures and limitations to use are available on request, and are also contained in the product manuals.

EGG LIGHT OPERATION & SAFETY GUIDE



Defender Egg Light

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THANK YOU FOR BUYING DEFENDER EGG LIGHT

Defender Egg Light is designed and manufactured to the highest of standards to ensure a robust and long life. Correctly used it is suitable for both indoor and outdoor operation. You should read this entire Operator and Safety Guide before you use your new Defender Egg Light. In addition, you should follow all warnings and instructions affixed to your Defender Egg Light.

GENERAL INFORMATION

This information should be read carefully and understood before operating the Defender Egg Light. This product has been carefully designed for its intended purpose and must not be modified in any way. Any alteration may reduce safety, as well as invalidating Technical Product Approvals and your insurance.

RESIDUAL CURRENT DEVICE (RCD)

Defender strongly recommends that a Residual Current

Device (RCD) be used with the 240V Defender Egg Light should ensure that the mains supply socket is switched before connecting the power cord. Once connected, mains supply can be switched on and the Defender Egg Light can be used as required.

IMPORTANT SAFETY INFORMATION

This appliance complies with current Electrical Equip (Safety) Regulations. There is a serious risk of personal injury if you fail to follow the advice laid down in this

Defender Egg Light must only be used for its intended purpose (refer to the 'What Defender Egg Light Can be Used For' section).

After use, ensure that this guide is stored in a safe place for future reference.

SAFETY INSTRUCTIONS TO NOTE:

1. Never use Defender Egg Light if you are ill, feeling or under the influence of alcohol or drugs.
2. Always disconnect Defender Egg Light from the mains supply when not in use and prior to cleaning.
3. Always disconnect Defender Egg Light from the mains supply before moving or repositioning.
4. Always ensure that Defender Egg Light has cooled before storing.
5. Keep cables out of harm's way and clear of the work area.
6. Keep Defender Egg Light dry whenever possible. The version must be kept dry at all times.
7. Never leave Defender Egg Light unattended.
8. Do not use Defender Egg Light if the power cable is damaged.
9. Do not use Defender Egg Light near a source of heat.
10. Do not disconnect Defender Egg Light from the mains supply or transformer (110V model) by pulling the power cord.

ELECTRICAL SAFETY GUIDELINES

Please comply with the specified electrical requirements.

POWER SUPPLY IDENTIFICATION

Defender Egg Light Model Numbers

Defender Egg Light 110V 60W	E712400
Defender Egg Light 240V 60W	E712410

The power supply of this Defender Egg Light is shown on the identification label and the rating plate, which are found on the external packaging and underneath the base of the Defender Egg Light respectively.



60W 240V Defender Egg Light
Vn: GB SINCH 01 10-02
PART NO. E712410
Rated voltage 220-240V
Maximum 60W
Weight: 1.5kg
DEFENDER POWER & LIGHT
LECTION DEFENDER B22 BC
EN60598

Egg Light Rating Plate Example

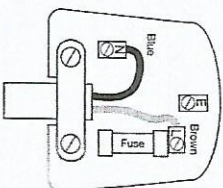
The internal colour coded wires for both voltages are:

Brown for live (L),
Blue for neutral (N).

When fitted with a 16A plug (conforming to BS 4343), the 110V Defender Egg Light is rated at 'IP44' and is suitable for use outdoors.

When fitted with a standard 240V 13A plug (conforming to BS 1363/A), the Defender Egg Light does not conform to IP44 and accordingly should not be used outdoors where the plug might be exposed to moisture.

When using a 240V supply with a



Control Doc. No. UI 0390 / 1102 / Issue 01-11/11/02

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13A plug, an in-line fuse rated at 5A fuse should be used.

The maximum permitted bulb is 60W.

NOTE: THE 240V VERSION IS FOR INDOOR USE ONLY.

OPERATION OF DEFENDER EGG LIGHT

Defender Egg Light models are designed and manufactured to the highest standards. Used and maintained correctly they will provide dependable long-term operation.

For the best operating conditions, Defender Egg Light should be used on a flat surface to ensure that it self-rights if knocked.

The Defender Egg Light is supplied complete and fitted with a 60W B22 BC *'Rough Service' bulb.

You should ensure that the bulb is fitted correctly and is of the correct type for the Defender Egg Light in which it is fitted, i.e. 60W 110V for the 110V Defender Egg Light and 60W 240V for the 240V model. This can be done by removing the dome from the base by unscrewing the six screws and inspecting the markings on the bulb.

If your Defender Egg Light is the 110V model, you should ensure that the transformer is switched off at the mains supply before connecting the Defender Egg Light power cable to the transformer. Once connected, the mains supply can be switched on and the Defender Egg Light can be used as required.

If your Defender Egg Light is the 240V model, it is strongly recommended that a Residual Current Device (RCD) be used. You should ensure that the mains supply socket is switched off before connecting the power cord. Once connected, the mains supply can be switched on and the Defender Egg Light can be used as required.

In the event that the length of the power cord is not sufficient

to allow the operation of the Defender Egg Light in the desired location, an extension cable may be required. The extension cable should not exceed 30M in length. Ensure that an 110V rated extension cable is used on the 110V Defender Egg Light and a 240V rated extension cable is used on the 240V Defender Egg Light. To prevent overheating, the extension cable should be fully unwound before use.

SELF-RIGHTING PROPERTIES

Defender Egg Light has a unique self-righting action. If knocked or moved unintentionally when being used on a flat surface, Defender Egg Light will self-right to its original position.

MAINTENANCE & CAUTION

BULB REPLACEMENT

*'Rough Service' B22 BC 60W replacement bulbs can be purchased from most suitable electrical wholesalers or retail outlets and all good DIY stores. Although most manufacturers vend compliant bulbs, Defender recommends that you use Osram, Philips or Maxim replacement bulbs in your Defender Egg Light.

*A standard household B22 BC 60W bulb can be used but will not offer the strength and durability required when the Defender Egg Light is used in a rough environment.

1. Disconnect the Defender Egg Light from the power supply and allow approx 10 minutes to cool before removing the dome (for removal of dome see 'Operation of Defender Egg Light') and replacing the bulb.

2. Use only replacement **'Rough Service' bulbs for the 110V Defender Egg Light. Do not use any other type of bulb. The 240V Defender Egg Light may be operated with a low voltage compact fluorescent bulb. This will result in energy saving and a reduction of heat output from the bulb.

3. Do not connect to the mains supply until the Defender Egg Light has been fully assembled and is back in the operating position.

4. Care must be taken when re-seating the dome onto the base.

- Ensure the rubber seal is in the groove in the surface of the base.
- Insert the protruding groove on the bottom of the dome into the receptive groove on the base.
- Tighten the six screws.

The 110V Defender Egg Light dome and base must be correctly sealed to prevent the ingress of water or physical objects.

BULB PART NUMBERS

	PHILIPS	MAXIM	OSRAM
110V BULB	10093305	RS60BCPLV	(BARCODE)E40503C
240V BULB	06981105	RS60BCP	(BARCODE)E40503C

DO NOT USE WITHOUT THE DOME.

DO NOT USE IN THE VICINITY OF WATER E.G. BATHS, SWIMMING POOLS, PONDS.

If the dome is cracked or has been damaged in any way, it must be replaced before Defender Egg Light used again. Replacement of the dome should only occur when the power has been switched off and Defender Egg Light has been disconnected from the mains supply. Replacement domes (Part No. E712401) can only be purchased from Defender Power & Light (address, and Fax number on page 11 of this booklet) at a cc £3.95 plus VAT.



To prevent possible eye damage, you should not look directly into the light.

CLEANING

We recommend that you use only a damp cloth to clean your Defender Egg Light. Please note that the chemicals used in some cleaning products may damage the dome and base and in no circumstances should you use any such product.

SERVICE RECOMMENDATIONS

Only suitably qualified personnel should service the Defender Egg Light. If you have a problem with your Defender Egg Light please return it to the outlet from where you purchased it, ensuring that you have full details of your product as described on the product rating plate.

Should it be necessary for work to be carried out it is important to provide the suitably qualified repairer with the complete Defender Egg Light.

Should you require service under the terms of our guarantee you will need to present proof of purchase to the vendor.

NOTE: Service repairers act on their own behalf and are not empowered to commit or legally bind Defender Power & Light or Birchwood Products Ltd. in any manner whatsoever.

QUESTIONS & ANSWERS

1. How often should I replace the bulb?

Defender Egg Light uses a *Rough Service* B22 BC 60W bulb, we only recommend replacement of the bulb after failure.

2. Can I use a standard household bulb?

A standard household B22 BC 60W bulb can be used but will

not offer the strength and durability required when the Defender Egg Light is used in a rough environment.

3. Is Defender Egg Light suitable for indoor or outdoor use?

The 110V Defender Egg Light is rated to IP44 and is suitable for indoors and outdoor use (IP44 = protected against solid objects over 1mm and water sprayed from all directions -- limited ingress permitted).

The 240V Defender Egg Light is for indoor use only.

WHAT DEFENDER EGG LIGHT CAN BE USED FOR

110V – Outdoor Use

Patio/Garden Areas
Outdoor leisure
Event Hire (marquees etc.)

240V – Indoor Use

Attics & lofts
Basements & Cellars
Domestic DIY
Garages