

# CLAMPBOE®



## 110V SMD LED WORKLIGHT

MODEL NO: SMD84T/110

PART NO: 4003640

### ASSEMBLY & USER INSTRUCTIONS



UK  
CA | CE



ORIGINAL INSTRUCTIONS

DL0223 ISS 3

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## INTRODUCTION

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Thank you for purchasing this CLARKE portable LED floodlight which can be used indoors or outdoors. Before attempting to use this product, please read this manual thoroughly and follow the instructions carefully. In doing so you will ensure the safety of yourself and that of others around you, and you can look forward to your purchase giving you long and satisfactory service.

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## TECHNICAL INFORMATION

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<b>Model</b>	<b>SMD84T/110</b>
Model type	L3305SJ-2
Dimensions (L x W x H)	58 x 870 x 1720 mm
Weight	4.9 kg
Light Source	SMD LED array
Operating Temperature	-20°C to + 50°C
Input power	42 W
Light Output (luminous flux)	3300 lumen
Power Supply	110V 50 Hz
Insulation Class	II
IP Rating	IP54
Energy Efficiency Class	A+
Colour Temperature	6500 K
Weighted Energy Consumption	42 kWh/1000 h
Efficiency	78 Lm/W
Life Expectancy of LED	20,000 hours
LED type	Epistar LED chip
Tilt adjustment	-90° to +90°

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## **SAFETY PRECAUTIONS**

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1. This worklight must never be immersed in water.
2. Do not look directly into the lamp when switched on as this can damage the eyes.
3. If used with an extension cable always ensure that the extension cable is fully unwound.
4. Do not use this worklight if it has a broken lens, casing or damaged supply cable.
5. Always unplug the worklight before moving it or performing maintenance. Do not touch the lamp when your hands are wet.
6. Do not attempt to disassemble or repair the worklight.
7. Do not leave the worklight unattended when switched on. Always unplug the worklight when it is not in use.
8. Never unplug the worklight by tugging the cable. Unplug by holding the plug.
9. Never use the worklight if the cable or plug are damaged.
10. When assembling the tripod, ensure that the ground is level and firm.
11. Take extra care not to push or knock the tripod over when fully extended.
12. Ensure the lamp is a safe distance from other objects in the working environment.

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## **GUARANTEE**

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This product is guaranteed against faulty manufacture for a period of 12 months from the date of purchase. Please keep your receipt which will be required as proof of purchase.

This guarantee is invalid if the product is found to have been abused or tampered with in any way, or not used for the purpose for which it was intended.

Faulty goods should be returned to their place of purchase, no product can be returned to us without prior permission.

This guarantee does not effect your statutory rights.

# ELECTRICAL CONNECTIONS



**WARNING! READ THESE ELECTRICAL SAFETY INSTRUCTIONS THOROUGHLY BEFORE CONNECTING THE PRODUCT TO A POWER SUPPLY.**

This product can be connected to one of the following power supplies:

- 110V generator
- 110V isolating transformer
- 110V site supply
- 230V generator via a 110V transformer.

Connecting it to any other power source may cause damage.

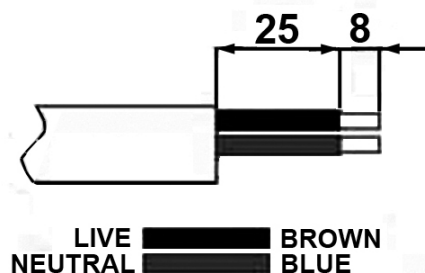
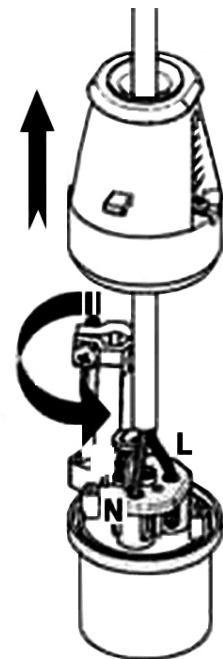
This product includes a fitted 3 pin industrial plug to BS-EN 60309 (16A) and a cable for use with a 110 volt supply. On no account must a 230V, 13amp (BS1363) plug be used.

If using a portable 110V transformer make sure it has a rated capacity sufficient to take the load of the worklight.

Should the plug need changing at any time, ensure that a plug of identical specification is used and proceed as follows:

1. Undo the socket screws & remove the rear section.
2. Rotate the cable clamp clear of the terminals.
3. Feed the cable through the rear gland in the plug.
4. Remove the cable sheath to the required lengths as shown in the diagram.
5. Terminate the correct wires in the correct terminal blocks as shown.
6. Remove the cable clamp screws. Clip the cable clamp back into position and place the clamp around the outer sheath of the cable. Replace the screws and tighten until the cable is securely held.
7. Replace the rear cover and tighten the cover screws.

If in any doubt, consult a qualified electrician.



# ASSEMBLY

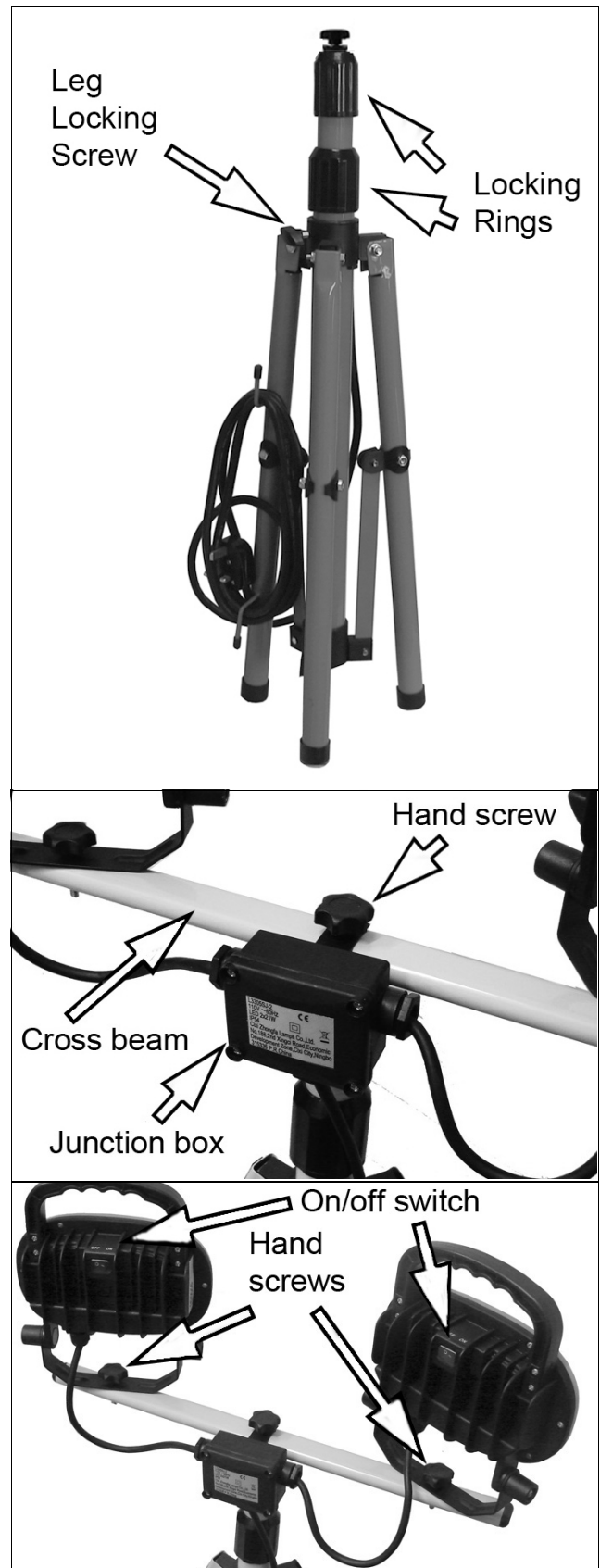
## CONTENTS

- Pair of lamps wired to the junction box & power cable.
- Tripod assembly
- Cross beam
- Hand screws/nuts/washers

## ASSEMBLY

The tripod assembly may be erected before attaching the other items. If the end/upper tripod extension is not visible, turn the locking ring and tilt the tripod to slide the extension to greater height.

1. Pull the legs apart to erect the tripod and set in position with the leg locking screw.
2. Adjust the height of the tripod column by twisting the locking rings anti-clockwise to release, and sliding the tubes to the required height before twisting clockwise to lock.
3. Attach both the cross beam and the junction box to the column by securing with the hand screw.
4. Attach both the lamps to the cross beam with the hand screws, washers and nuts.
5. Tighten the hand screws on each lamp to set the angle as required.
  - Each worklamp can also be tilted as required.
6. Switch on/off using the rocker switch.



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## CARE & STORAGE

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1. When not in use, switch off & unplug from the power supply. Coil the cable around the storage hooks provided on the tripod for tidy storage.
2. This product should be stored in a secure, dry place, out of the reach of children. DO NOT leave it exposed to the elements and avoid direct sunlight, direct heat, rain/moisture etc.
3. Keep the external surfaces clean. Avoid impact damage & do not allow this product to come into contact with abrasive or corrosive materials.
4. Do not use solvents, thinners or alcohol for cleaning, as these chemicals will damage the finish. With the worklamp unplugged from the power supply, use a dry cloth to wipe over the lamp components.
5. Only use extension leads that are of an appropriate power rating and suitable for the work environment. Inspect the extension lead regularly and replace if damaged.
6. The LED light source cannot be replaced but has a life expectancy of approximately 20,000 hours.
7. Never use unauthorised accessories or attachments which can cause personal injury or damage to the product.
8. Do not attempt to repair or modify this product or attempt any electrical repair yourself. Consult the Clarke Service Department on 020 8988 7400.

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## ENVIRONMENTAL RECYCLING POLICY

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Through purchase of this product, the customer is taking on the obligation to deal with the WEEE in accordance with the WEEE regulations in relation to the treatment, recycling & recovery and environmentally sound disposal of the WEEE.

In effect, this means that this product must not be disposed of with general household waste. It must be disposed of according to the laws governing Waste Electrical and Electronic Equipment (WEEE) at a recognised disposal facility.

# DECLARATION OF CONFORMITY



Hemmill Street, Epping, Essex, CM16 4LG

## DECLARATION OF CONFORMITY

This is an important document and should be retained.

We hereby declare that this product(s) complies with the following legislation:

- Electromagnetic Compatibility Regulations 2016*
- Electrical Equipment (Safety) Regulations 2016*
- The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012*

The following standards have been applied to the product(s):

- EN IEC 55015:2019+A11:2020, EN IEC 61000-3-2:2019, EN 61000-3-3:2013/A1:2019, EN 61547:2009, EN 60598-1:2015+A1:2018, EN 60598-2-4:2018, EN 62493:2015, ISO 17075:2017*
- IEC 62321-1:2013, IEC 62321-2:2013, IEC 62321-3-1:2013, IEC 62321-4:2013+AMD1:2017 CSV, IEC 62321-5:2013, IEC 62321-6:2015, IEC 62321-7-1:2015, IEC 62321-7-2:2017, IEC 62321-8:2017*

The technical documentation required to demonstrate that the product(s) meet(s) the requirement(s) of the aforementioned legislation has been compiled and is available for inspection by the relevant enforcement authorities.

The UKCA mark was first applied in: 2023

**Product Description:** LED Work Light 110V  
**Model Number(s):** SMD42T-110, SMD84T-110  
**Serial/Batch Number:** Refer to product/packaging label  
**Date of Issue:** 07/02/2023

Signed:

J.A Clarke  
Director

SMD84T-110 UKCA Doc 020723

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Fitzwilliam Hall, Fitzwilliam Place, Dublin 2

## DECLARATION OF CONFORMITY

This is an important document and should be retained.

We hereby declare that this product(s) complies with the following legislation:

- 2014/30/EU* *Electromagnetic Compatibility Directive*
- 2014/35/EU* *Low Voltage Directive*
- 2011/65/EU* *Restriction of the Use of certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) Directive*

The following standards have been applied to the product(s):

- EN IEC 55015:2019+A11:2020, EN IEC 61000-3-2:2019, EN 61000-3-3:2013/A1:2019, EN 61547:2009, EN 60598-1:2015+A1:2018, EN 60598-2-4:2018, EN 62493:2015, ISO 17075:2017*
- IEC 62321-1:2013, IEC 62321-2:2013, IEC 62321-3-1:2013, IEC 62321-4:2013+AMD1:2017 CSV, IEC 62321-5:2013, IEC 62321-6:2015, IEC 62321-7-1:2015, IEC 62321-7-2:2017, IEC 62321-8:2017*

The technical documentation required to demonstrate that the product(s) meet(s) the requirement(s) of the aforementioned legislation has been compiled and is available for inspection by the relevant enforcement authorities.

The CE mark was first applied in: 2017

**Product Description:** LED Work Light 110V  
**Model Number(s):** SMD42T-110, SMD84T-110  
**Serial/Batch Number:** Refer to product/packaging label  
**Date of Issue:** 07/02/2023

Signed:

J.A Clarke  
Director

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