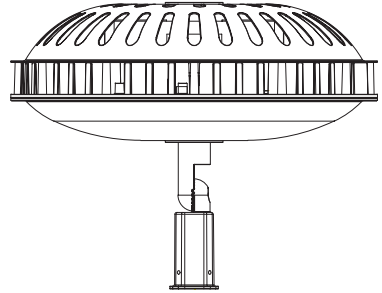


# **ELITE**

## **APOLLO LED**

### **UFO AREA LIGHT**



#### **USER MANUAL**

CONTROLLED DOCUMENT NO: 00214UIRS0822V1

#### **IMPORTANT SAFETY INSTRUCTIONS**

Before using this product, please read these user instructions, if you do not understand any of the instructions within, please do not use the product and consult your retailers or the manufacturer. Failure to follow these instructions may result in damage to the product, property and/or cause personal injury to the user or bystanders.

**SAFETY, OPERATION & MAINTENANCE INSTRUCTIONS FOR: AP110**

**KEEP THIS BOOKLET FOR FUTURE REFERENCE**



# APOLLOLED UFOAREALIGHT

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## PRODUCT KEY COMPONENT IDENTIFICATION

Know your Apollo LED UFO Area Light – Read these user instructions and follow all advice affixed to the product. Identify the product limitations, listed with the specification data tables, and consider the application and potential risk before use.

- Model shown 300W Apollo LED UFO AREA LIGHT - AP110

Fully powder coated and aluminium construction for corrosion resistant outdoor use.

Enclosed IP67 LED drivers

Heat sink middle section for increased led thermal efficiency.

Diffused LED down light array for maximum light output minimum pollution.

180 degree fully adjustable tilt bracket. fully manual adjustment with gear lock to prevent movement.

Tripod connect bracket with M8 thumb lock for increased security.



## INSPECT YOUR NEW PRODUCT

The package should include one of the following items which should be removed from the packaging and inspected for damage: AP110

Thank you for purchasing the Elite Apollo LED UFO Area Light, manufactured to the highest standards drawing upon over 20 years' experience supplying the UK hire and construction industry, this product will, if used in accordance with these operating instructions, labels affixed to the product and properly maintained, provide you with many years of reliable service.

### CAUTION

When using your Elite Apollo LED UFO Area Light, basic safety precautions should always be followed to reduce risk of personal injury and/or damage to the product.

The Elite Apollo LED UFO Area Light should not be modified or used for any other purpose other than that for which it has been designed. Failure to follow this instruction will invalidate any warranty and product safety approvals and potentially causing a hazard to the user, bystanders or property.

The Elite Apollo LED UFO Area Light is designed to provide exceptional light output for temporary portable applications providing a safe worksite with significant energy savings compared to conventional lighting solutions. If you are unsure of its relative applications, please do not hesitate to contact your retailer or manufacturer for advice.

Ensure the power supply is switched off before connecting the Elite Apollo LED UFO Area Light.

### CAUTION

**DO NOT** move, reposition or install whilst connected to the power supply and switched on.

**DO NOT** move, reposition by pulling the cable.

**DO NOT** remove the plug from the power supply socket by pulling the cable.

**DO NOT** look directly into the light source.

**DO NOT** over extend the tripod mast - do not extend past the STOP indicator.

**ALWAYS** Lower the light if moving or repositioning.

This Elite Apollo LED UFO Area Light is designed to be used from a 110V power supply only.

This Elite Apollo LED UFO Area Light should be positioned in a way that it does not cause an obstruction to personnel or machinery.

It is recommended that when left unattended the Elite Apollo LED UFO Area Light is switched off, this is both good safety practice and saves energy.

**DO NOT** operate any of the Elite Apollo LED UFO Area Light in a potentially explosive environment.

## GENERAL SAFETY INFORMATION

Ensure power supply is correct frequency and voltage for the Elite Apollo LED UFO Area Light by checking the rating label affixed to the product and confirming with the supply voltage.

Prior to installation carry out the necessary risk assessment considering the people who could be at risk and the precautions required to control the risk.

Check the total load on the circuit including the luminaire does not exceed the rating of the circuit cable, fuse or circuit breaker.

The Elite Apollo LED UFO LED Area Light is constructed with a IEC 60309 16A 110V plug. Before installing into the power supply it is recommended to inspect the cable and plug for damage.

If any damage is noted ensure the product is removed from service and repaired by either an electrician or suitable qualified person and tested before use. All replacement components should be ideally supplied by the manufacturer or equivalent regards rated specifications and safety standards.

Ensure that the power supply is isolated either by the circuit supply fuse being removed or the applicable circuit breaker being turned off before installation or any maintenance. Ensure the fuse or MCB rating is of sufficient size for the load applied and if a replacement is required it must be of the same rating/ specification.

Protect cable from contact with sharp objects, oils, chemicals or hot surfaces. Ensure the cable does not cause a potential trip hazard to user/s or any other personnel working or passing within the operating area.

Keep children and untrained personnel away from the work area, all visitors should be kept at a safe distance from the work area.

**DO NOT** dismantle, tamper or abuse the Apollo LED UFO Area Light

## **INSTALLATION INSTRUCTIONS**

This 300W Elite Apollo LED UFO Area Light is designed to be used from a 110V power supply only. Connecting the Apollo LED UFO Area Light to the power supply must be done with care. Ensure both your hands and product is dry. Ensure no personnel are in contact with the Apollo LED UFO Area Light when first switched on.

**DO NOT** remove the plug from the power supply socket by pulling the cable.

**DO NOT** connect to the power supply and switch on when any input cable is coiled up.

If an extension lead/reel is required in order to reach the mains supply, ensure the cable/reel is uncoiled/ unwound and is of the correct specification to carry the load applied. Note excessive lengths of cable may cause issues relating to voltage drops and increased resistance leading to higher currents. If in doubt of the installation consult a qualified electrician.

**DO NOT** use the Elite Apollo LED UFO Area Light in the presence of flammable liquids, gases, dust or other combustible sources.

**DO NOT** use in or near places such as swimming pools, ponds, sauna's, bathroom's, shower rooms or similar locations.

**DO NOT** install the Elite Apollo LED UFO Area Light where it is likely to be knocked or cause an obstruction.

If the 300W Elite Apollo LED UFO Area Light is to be used in a place of work or public space ensure all regulations, laws are adhered to.

## IN USE INSTRUCTIONS

Check for damaged parts! It is recommended a thorough inspect is conducted before every use, if any part is identified as damage do not use and remove from service immediately until corrected if possible. Refer all servicing of electrical parts to a qualified electrician or a trained competent person. Failure to do so will invalidate your warranty and tested safety standards and may cause injury or property damage.

Stay alert, electric shocks can be fatal. Do not run cables close to water or through puddles, use common sense and consider risks both foreseen and unforeseen. Do not operate if you are tired, unwell or under the influence of drugs or alcohol.

Protect yourself from potential electric shocks, when working with the 300W Elite Apollo LED UFO AREA LIGHT , avoid contact with any earthed items such as pipes and heating systems. It is advisable wherever possible to use an RCD or RCBO/RCCB in the circuit for safety.

Consider the lighting application and ensure the selected light variant is suitable. Do not use the 300W Elite Apollo LED UFO Area Light to do a job for which it was not designed, do not modify the product in anyway.

If any abnormal operation is noted in use, this could include a strange smell or noise but not exclusively, stop operation, switch off and remove power supply, if safe to do so.

Never look directly into the light or aim it towards another person, as this could cause severe permanent eye injury.

The warning and cautions labels applied to the product and covered within these user instructions cannot cover all potential risks that may occur. It must be understood by the user to consider any other risk not mentioned and where possible mitigate these risks.

## TRIPOD

### ENVIRONMENTAL SAFETY CONSIDERATIONS

Do not use on soft or uneven surfaces. Ensure the ground upon which the Apollo Area Light is to be used is capable of withstanding the weight of the unit. Erect exclusion zone and fit warning signs. Ensure the exclusion zone is a minimum of 1meter around the Elite Apollo Area Light.

Always be aware of live electrical apparatus, cables and moving parts of machinery around the work area. Inform everyone in the work area of what you are doing and instruct them to adhere to the exclusion zone.

**DO NOT** use in adverse weather conditions. If the wind is greater than BEAUFORT SCALE 8 (39-46 mph) do not use the Elite Apollo Area Light. Consider additional wind loading that could be generated by tunnel effects.

**DO NOT** add anything to the Elite Apollo Area Light which would increase its wind loading (ie. notice boards).

Ensure the light head is fully secured to the tripod once located in position.

Ensure the work area is kept tidy and observe other people within the environment.

## **TRANSPORTATION SAFETY INFORMATION**

The Elite Apollo Area Light is moved manually by lifting the unit to maneuvering into position.

Please note: the unit must not be moved until the mast and stabiliser legs are fully retracted and locked in position.

Always visually inspect the The Elite Apollo LED UFO Area Light after moving it and before use. The Apollo LED UFO Area Light weighs 22 kgs. Caution should be observed when moving or lifting and good manual handling practice should be followed.

## **WORKING PRACTICES SAFETY INFORMATION**

Deploy and lock stabilisers during use. To deploy stabilisers ensure one hand remains on the main mast section to stabilise the unit whilst the stabilisers are deployed.

It is recommended when using the Elite Apollo LED UFO Area Light adequate electrical protection is used. Use an in-line RCD or ensure the Apollo Area Light is powered from a protected supply.

Keep combustible materials a minimum of 5 metres from the light head.

Do not use the unit within potentially explosive environments i.e. areas where high concentrations of flammable gases or liquids are present. Elite Apollo LED UFO Area Light is IP44. Note the light head is rated to IP65 yet the plug is rated at IP44.

Ensure the mains power cable is suitable (3-core 1.0mm<sup>2</sup>). The cable must be fully unwound and routed to ensure this does not present a trip hazard in the work environment.

Ensure electrical cables are routed away from water and other potential hazards such as sharp edges that may damage the cable insulation.

## **RISK ASSESSMENT**

It is the user's responsibility to carry out a full Risk Assessment before using the Elite Apollo LED UFO Area Light. The Risk Assessment should establish a safe working zone and a safe system of work to ensure operator safety and the safety of others.

## **PERSONAL PROTECTIVE EQUIPMENT**

Ensure the operator is wearing the correct personal protective equipment for the task to be undertaken. Gloves and protective footwear should be worn when maneuvering the Elite Apollo LED UFO Area Light.

## **MAINTENANCE**

Always switch off and disconnect the power supply before any routine maintenance or cleaning. A daily check is recommended to inspect for any physical damage to the product, abrasions to the cable, any fixings and mounting are present and secure and the connection to the power supply is good. Refer all servicing of electrical parts to a qualified electrician or a trained competent person. Failure to do so will invalidate your warranty and tested safety standards and may cause injury or property damage.

Ensure the lense is clean for best performance, ensure the lens is in good condition and free from any chips or scratches.

There are limited serviceable parts with the LED Light head. Plugs, cable and LED electronic drivers are available. Please contact the manufacturer for price and availability. The Elite Apollo LED UFO Area Light should not be modified in anyway and any alterations will invalidate the guarantee and invalidate any safety approvals.

## CLEANING

Always switch off and disconnect the power supply before any routine maintenance or cleaning.

**DO NOT** use abrasive cleaners or polishes as these may damage the surface and reduce optical performance. Clean with a soft lightly damp cloth with a mild detergent.

**DO NOT** immerse or submerge any part of the Elite Apollo LED UFO Area Light in water or cleaning solution.

## STORAGE

When not in use store in a dry environment.

Ensure the product is thoroughly cooled before handling and storage

Where possible retain and use the original packaging for prolonged periods of storage, conduct a thorough inspection and test after prolonged storage to ensure safe and correct operation.

## ELECTRICAL TESTING

**CAUTION: THIS IS A CLASS I PRODUCT**

The 300W Elite Apollo LED UFO Area Light contain sensitive electronics to operate the LEDs. It is therefore recommended not to conduct Flash Testing or Hi- Pot testing during periodic portable appliance testing as stated in the Code of Practice for in-service inspection and testing of electrical equipment, commonly referred to as PAT testing.

We would recommend either a reduced voltage insulation test or protective conductor / touch current measurement test to prevent damage and premature product failure.

Failure to comply with our test recommendations will invalidate the product warranty.

## RECYCLING



**ENVIRONMENTAL PROTECTION:** Please recycle any unwanted materials as opposed to disposing them as general waste. It is recommended the original is retained and used to store the product when not in use for prolonged periods of time. If this is not applicable ensure the materials are sorted and recycled in accordance with local regulations.

**SPECIFICATION CHANGE:** It is our policy to continually improve products to ensure these meet the rigours of the industry we serve. Therefore, as such we reserve the right to alter specifications, data and components parts without prior notice.

**WARRANTY:** All Elite products come with a 1-year warranty from date of purchase, proof of which will be required in the event of any claim.

**IMPORTANT:** No liability will be accepted for the incorrect use of this product.

## TROUBLE SHOOTING

<b>FAULT DESCRIPTION</b> 300W Elite Apollo LED UFO Area Light does not illuminate	<b>SUGGESTED INSPECTION</b> <ul style="list-style-type: none"> <li>• Check the power supply</li> <li>• Check MCBs and fuses of power supply</li> <li>• Check wiring in plug</li> <li>• Check all visible cable for damage</li> <li>• Connect Apollo LED UFO Area Light in other power supply to confirm fault location.</li> <li>• Using a meter confirm the voltage at the input and output of the LED Driver.             <ol style="list-style-type: none"> <li>1. Input should read 110V a.c.</li> <li>2. Output should read 30V d.c.</li> </ol> </li> </ul>
<b>OTHER</b>	<ul style="list-style-type: none"> <li>• Consult qualified electrician,</li> <li>• Contact manufacturer for assistance</li> </ul>

## SPECIFICATION DATA

<b>PART NUMBER</b> AP110	- 110V Apollo 300W LED UFO mobile dick light with 10m of cable and 16A plug
<b>POWER REQUIREMENTS</b>	110V/240V 50/60Hz
<b>POWER REQUIREMENTS</b>	AP110 - 300W
<b>LED SPECIFICATIONS</b>	LED Colour – 5000K, 80 CRI, 3900lm 130lm/w Viewing Angle - 120°
<b>INGRESS PROTECTION</b>	IP65 Lighting Enclosure (IP44 - mains connection plug)
<b>WORKING TEMP</b>	-40°C ~ 50°C
<b>DIMENSIONS (HxWxD)</b>	AP110 - 40Ø X 31.5cm
<b>PLUG</b>	110V 16A Plug IEC 60398 IP44
<b>CABLE</b>	3 Core H05-RNF 1.0mm² - Black
<b>WEIGHT</b>	AP110 – 12.5KG



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