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SEALEY LED112PIR.V2 Extra Slim Floodlight with PIR Sensor 20W SMD LED

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Contents

SEALEY

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Product Usage Instructions

- Ensure to follow all safety precautions mentioned in the manual to prevent any damage or personal injury.
- This product is designed to provide efficient lighting with a PIR sensor for added convenience and energy savings.
- **Warning:** Do not connect the unit to the mains power supply before installation.
- Position the unit carefully to maximize lighting range and ensure proper electrical power source.
- **Cleaning:** Use a moist cloth to clean the casing externally, avoiding solvents or abrasives.
- Avoid touching the glass shield directly; clean it with alcohol and a soft cloth if necessary.
- **Warning:** Do not use the light without the glass shield or weather seals intact.

FAQ

- **Q:** Can I use this floodlight without the PIR sensor?
- **A:** The floodlight is designed to work with the PIR sensor for optimal functionality. Using it without the sensor may affect its performance.

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble-free performance.
IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.

Refer to
instructions

SAFETY

ELECTRICAL SAFETY

- **WARNING!** It is the user's responsibility to read, understand and comply with the following:
- **WARNING!** THIS PRODUCT MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN.
- You must check all electrical equipment and appliances to ensure they are safe before use. You must inspect power supply leads and all electrical connections for wear and damage.
- You must ensure the risk of electric shock is minimised by the installation of appropriate safety devices.
- You must also read and understand the following instructions concerning electrical safety.
- Ensure the light is connected to an appropriate electrical on/off switch.
- Ensure the insulation on all cables and the product itself is safe before connecting to the main power supply.
- Ensure that cables are always protected against short circuits and overload.
- Regularly inspect the power supply, leads and all electrical connections for wear and damage, especially power connections, to ensure that none are loose.
- Ensure the voltage marked on the product is the same as the electrical power supply to be used.
- DO NOT pull the power cable once installed.
- DO NOT use worn or damaged leads, or connections. Immediately replace or have repaired by a qualified Electrician.
- Ensure the unit is correctly earthed and wired according to the following. (Installation should be undertaken by a qualified electrician).
- Connect the green/yellow earth wire to the earth terminal 'E'.
- Connect the brown live wire to live terminal 'L'.
- Connect the blue neutral wire to the neutral terminal 'N'.
- After wiring, check there are no bare wires, and that all wires have been correctly connected.

GENERAL SAFETY

- **WARNING!** Turn off the mains power supply before servicing or performing any maintenance.
- Maintain the light in good condition (Repairs must only be undertaken by a qualified electrician).
- Replace or repair damaged parts. Use genuine parts only, non-authorised parts may be dangerous and will invalidate the warranty.
- Ensure the light is installed correctly under these instructions.
- Only install the light on a vertical surface.
- DO NOT fix the light on any horizontal surface i.e. ceiling, or overhang.
- Ideally, the Installation should be away from flammable or combustible materials such as wood, cloth, paper etc.

- **DANGER!** DO NOT direct the light into a person's eyes. The units have a very intensive light output, which if incorrectly used could cause eye damage.
- DO NOT install the light where it is likely to be knocked or hit.
- DO NOT install in bathrooms, shower rooms, sauna or such locations.
- DO NOT install near an exhaust outlet. i.e. boiler flue, dryer outlet, etc.
- DO NOT use the light without the front glass shield fitted.

INTRODUCTION

- Mounted in die-cast powder-coated aluminium extra slim housing with wall bracket.
- SMD LED technology allows ultra-bright illumination whilst still keeping costs lower than traditional halogen tubes.
- Even spread of light across a 110° angle.
- Features a PIR motion detector. Supplied with power cable at 75cm only and suitable for outdoor mounting.

SPECIFICATION

- **Model No**:
  ………………………………..LED112PIR.V2………………….LED113PIR.V2…………………..LED115PIR.V2
- **Colour Temperature**:……………………………6500k……………………………
  6500k………………………………6500k
- **Dimensions (W x D x H)**:………157 x 56 x 128mm……………..195 x 57 x 178mm………………235 x 57 x 217mm
- **Energy Rating**:……………………………………………
  F…………………………………..F………………………………………F
- **IP Rating**:……………………………………………IP65…………………………………
  IP65…………………………………..IP65
- **LED Type**:
  ………………………………………….SMD………………………………..SMD…………………………………
  SMD
- **Lumen Output**:……………………………………
  1900lm………………………………5200lm………………………..10,000lm
- **PIR Motion Sensor**:
  …………………………………..Yes…………………………………Yes………………………………….Yes
- **Plug Type**:……………………………………Bare Wire…………………………Bare
  Wire…………………………Bare Wire
- **Power Supply Cable Length**:………………….0.75m………………………………
  0.75m………………………………0.75m
- **Power**:………………………………………………..20W…………………………………
  50W………………………………..100W
- **Supply**:……………………………………………………
  230V……………………………………..230V………………………………………230V

OPERATION

WARNING! DO NOT connect the unit to the mains power supply before installation.

INSTALLATION

- Give careful consideration to the position of the unit to ensure you obtain maximum benefit from the lighting range, and that an appropriate electrical power source can be provided.
- An approximate appropriate mounting height from the ground is 2.5m. See fig.1.
- This LED floodlight develops minimal heat and is not subject to the same mounting restrictions that apply to halogen lamps that become too hot to touch. We do however recommend that the floodlight should not be placed in cramped or restrictive positions and should be fixed at the following minimum distances between the light and any surface/object. See fig.2.
    - 500mm minimum between the top of the light and any overhead surface, or objects, i.e. ceilings, overhangs.
    - 200mm between the sides of light and wall/surfaces.
    - 2 metres minimum between the front of the light and any object to be illuminated.
- Fix the light to a vertical surface with appropriate fixings.
- Ensure the lamp is connected to the mains by a qualified electrician.

SENSOR

- The sensor may be angled independently of the light. Mounted at approximately 2.5m above the ground the sensor will have approx 12m range (fig.1) with a 120º spread (fig.3)
- The sensor range can be reduced or optically adapted to local conditions by adjusting the sensor angle accordingly.
- Further adjustment may be made by tuning the three switches located on the underside of the sensor as follows: (fig.3).

Switch SENS: Sensitivity

- The sensor range will vary with temperature and factors such as passing cars, shade from large trees etc. During cold weather, the sensor range will be greater than when hot in summer temperatures. For example, during hot weather the forward detection range could fall from 12 to 6m and the sensor should be checked and adjusted.
- **Note:** the sensitivity factor is greater when an object passes across the detection area (fig.3A) than when an object approaches the detector (fig.3B).
- **Switch TIME:** Time adjuster: To adjust the amount of time the light will stay on when activated.
- **Switch LUX:** Daylight adjustment: Adjust the sensor to come on per the diminishing daylight.
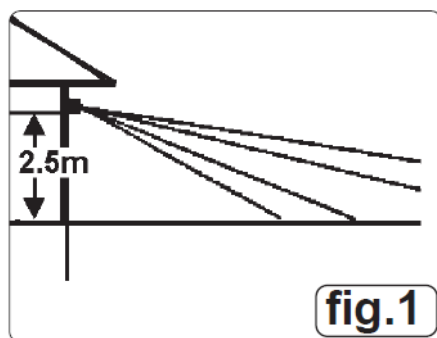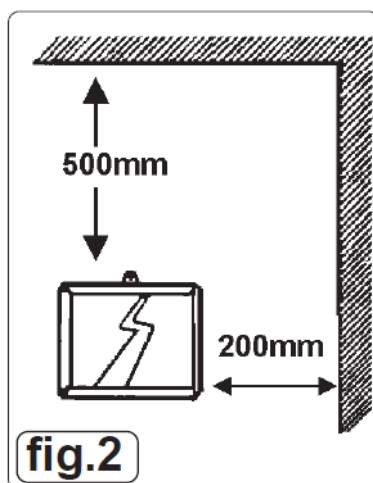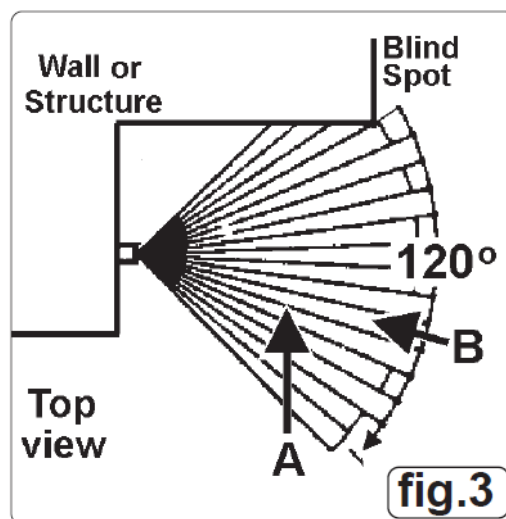
fig.1

fig.2

fig.3

MAINTENANCE

- Clean the casing externally (not the glass) with a moist cloth.
- DO NOT use solvents or abrasives to clean the light.
- Avoid touching the glass shield as handling may reduce its serviceable life and cause the glass to crack. If necessary clean the glass shield with alcohol and a soft cloth.
- DO NOT use the light without the glass shield.
- DO NOT use the light without the weather seals intact.

ENVIRONMENT PROTECTION
Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner that is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.

WEEE REGULATIONS
Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE). When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.

Note: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and parts without prior notice. Please note that other versions of this product are available. If you require documentation for alternative versions, please email or call our technical team at **technical@sealey.co.uk** or 01284 757505.
Important: No Liability is accepted for incorrect use of this product.

Warranty

- Guarantee is 24 months from purchase date, proof of which is required for any claim.

CONTACT

- Sealey Group, Kempson Way, Suffolk Business Park, Bury St Edmunds, Suffolk. IP32 7AR
- 01284 757500
- **sales@sealey.co.uk**.
- **www.sealey.co.uk**.

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References

- **User Manual**