



**Instruction manual**  
**LED Slimline Security Light**  
**5333V / 7482V / 5625V / 4273V /**  
**8300V / 4901V / 2793V**

Powersmith Ltd, BA22 8RT, UK

Please retain this information for future reference.

**GUARANTEE**

Congratulations on your purchase of a quality **LAP** product. We are confident in the quality of this product, but for your peace of mind it comes with a **3 year guarantee**. If your product develops a fault within the guarantee period, please contact the retailer where the item was purchased, with your proof of purchase, where the product will be replaced or refunded.

This guarantee specifically excludes:

- Fair wear and tear
- Misuse or abuse
- Lack of routine maintenance (see care instructions)
- Failure of fixings
- Accidental damage
- Cosmetic damage
- Failure to follow the manufacturer's fitting/care and maintenance instructions

This guarantee is limited to the purchase price of the product and the manufacturer's liability does not extend to any costs damages or losses whatsoever in excess of that amount. Proof of purchase is required. This guarantee does not affect your statutory rights.

**Safety and Maintenance Information:**

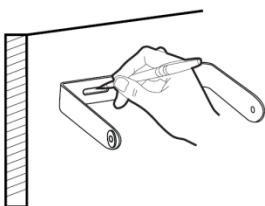
- This product has been designed for non-professional, domestic use only.
- There are no user serviceable parts. **DO NOT** open the product.
- Once unpacked examine the product for any damage. If you think there is a defect do not use and return back to the retailer.
- Dispose of all packaging correctly and responsibly using recycling facilities where possible.
- Do not leave packaging in reach of children as it can be a source of danger.
- Do not modify or alter the product, this may damage the product and void the warranty.
- Children should not play with this product.
- Clean with a damp cloth, do not use chemicals or abrasive materials.

**Notes for use:**

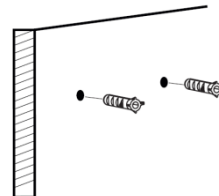
Before starting any electrical work or maintenance always switch OFF the mains supply and remove the appropriate circuit fuse. This luminaire should be installed by a competent person (i.e. qualified electrician) and wired in accordance with the current edition of the IEE Wiring regulations (BS7671 Requirements for Electrical Installation) and Part P of the Building Regulations and appropriate statutory regulations. This luminaire is designed for connection to a 220-240V ~ supply. It is rated Class I and must be earthed. Always check the lamp is correct for the application including its wattage and voltage.

- The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced.
- The light will operate after movement has been detected; the length of time the light remains on for and the lighting level it activates at and the sensitivity can be adjusted. See adjustment settings below.
- The item is IP44 rated and suitable for outdoor use, however try to avoid any areas that will immerse the light in water.
- Avoid facing the PIR towards sources of heat such as boiler outlets as this will affect the performance of the PIR

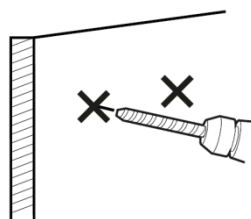
**Wall Mounting:**



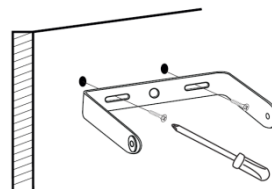
1. After checking the suitable height and location for the light also checking where your mains cable will need to be located, use the wall bracket as a template to mark 2 holes.



3. Put suitable wall plugs into drilled holes.

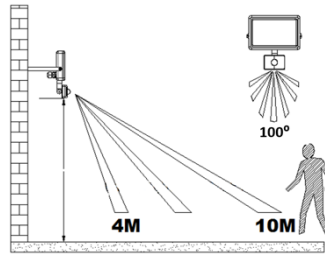
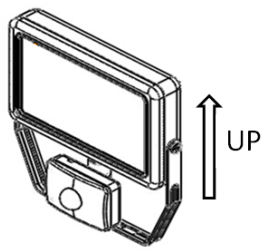


2. Drill 2 holes into the wall suitable for the supplied wall fixings.



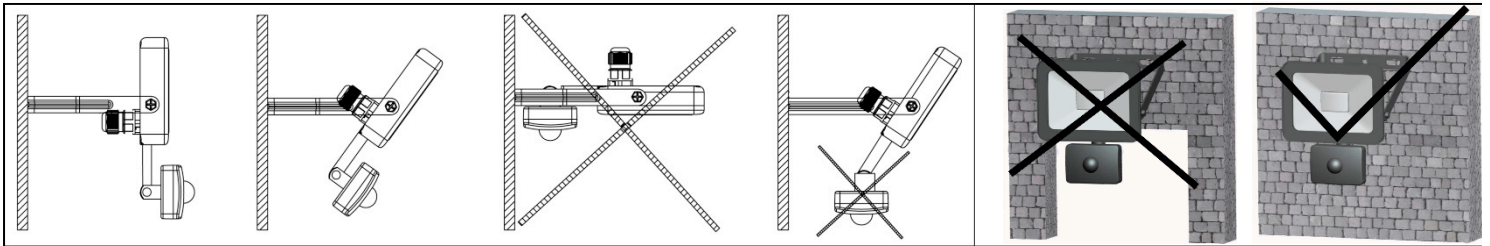
4. Fit the wall bracket to the wall, ensuring that it is secure

After following the wiring steps below secure the lamp to the wall bracket by replacing the 2 side screws ensuring the correct washers are used and the screws are adequately tightened. Ensure the lamp is mounted the correct way up with the PIR at the bottom of the light.

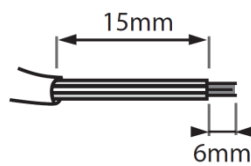


Mounting the light at excessive height may reduce the performance of the PIR.

Recommended mounting height: 1.8 – 2.5m



**Wiring:**



Cable to be used:

H05RN-F 3G 1.0 mm<sup>2</sup>



1. Remove the wiring cover from the back of the light by turning anti clockwise and remove.



2. Feed the cable through the supplied cable gland and terminal cover.



3. Connect the Live, Neutral and Earth cables paying attention to the terminal markings on the side next to each terminal



4. Fit the terminal cover over the terminals and turn clockwise to tighten ensuring a tight fit to avoid water ingress.



5. Tighten the cable gland by turning clockwise ensuring a tight fit to avoid water ingress.

6. Turn on the power, the light will turn on and turn off after the designated time set on the TIME dial.

### **PIR sensitivity Adjustment:**

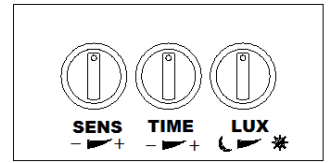
You can adjust the sensitivity of the PIR in case of false activation from passing cars or pedestrians, rotate the SENS dial:

- Clockwise to INCREASE the sensitivity up to 10m
- Anti-clockwise to DECREASE the sensitivity down to 4m

### **PIR Time Adjustment:**

You can adjust the length of time the light remains on for after PIR activation, rotate the TIME dial:

- Clockwise to INCREASE the time up to approximately 9 minutes
- Anti-clockwise to DECREASE the time down to approximately 5 seconds



### **PIR Dusk – Dawn adjustment:**

You can adjust the dusk – dawn to set when you would like the motion detection to begin operating, rotate the LUX dial:

- Clockwise to INCREASE the LUX up to 1000lux (Daytime operation)
- Anti-clockwise to DECREASE the LUX down to 5lux (Night time operation)

**DO NOT force the dial below minimum or above maximum as this will damage the dial.**

### **PIR Override:**

You can disable the PIR allowing the light to remain on permanently and switch back to PIR operation when required:

- Disable PIR - Switch the mains power OFF for **2-3 seconds** then ON again, the PIR is disabled and the light will stay on.

**Note:** When following the Disable PIR steps ensure you switch OFF and ON within 5 seconds, if over 5 seconds the PIR will not be disabled.

- Enable PIR - Switch the mains power OFF for **2-3 seconds** then ON again, the light will turn on as set on the time adjustment and will turn off.

### **Specification:**

- Power: 220-240V ~ 50Hz
- Bulb: LED non replaceable
- Class: Class I product earth is required
- Detection range: 100° up to 10 metres
- IP44: Splashproof. Suitable for outdoor use

**5333V / 8300V** - Lumen: 800lm, Colour temp: 4000K,  
Ra>80, Total power wattage: 10W,  
Dimensions: 110 x 67 x 171mm,  
Max Projected Area: Max. 82cm<sup>2</sup>, 0.344kg

**7482V / 4901V** - Lumen: 1500lm, Colour temp: 4000K,  
Ra>80, Total power wattage: 20W,  
Dimensions: 144 x 70 x 195 mm,  
Max Projected Area: Max. 145cm<sup>2</sup>, 0.522kg

**5625V / 2793V** - Lumen: 2400lm, Colour temp: 4000K,  
Ra>80, Total power wattage: 30W,  
Dimensions: 192 x 73 x 232 mm,  
Max Projected Area: Max. 260cm<sup>2</sup>, 0.815kg

**4273V** - Lumen: 3750lm, Colour temp: 4000K, Ra >80,  
Total power wattage: 50W,  
Dimensions: 240 x 77 x 280 mm,  
Max Projected Area: Max. 409cm<sup>2</sup>, 1.267kg



This symbol is known as the 'Crossed-out Wheelie Bin Symbol'.

When this symbol is marked on a product or battery, it means that it should not be disposed of with your general household waste.

Some chemicals contained within electrical/electronic products or batteries can be harmful to health and the environment. Only dispose of electrical/electronic/battery items in separate collection schemes, which cater for the recovery and recycling of materials contained within. Your co-operation is vital to ensure the success of these schemes and for the protection of the environment



**xxWyy**: Manufacturing date code; year of manufacturing (xx) and week of manufacturing (Wyy)