

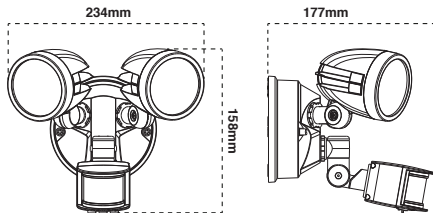
atom[®]

INSTALLATION SHEET

CONDOR

SECURITY SPOTLIGHT

24W IP54 Twin spotlight with sensor.



Product Specification

Voltage	230V~ 50Hz
Power Consumption	24W
Light colour options	Tri-Colour
Lumen output	2200 / 2450 / 2400 lm
Colour temperature	3000K / 4000K / 5000K
Colour rendering index	> 80
Beam angle	90°
Dimmable	No
Warranty	3 Years
Working temperature	-10°C – 40°C
IP Rating	IP54
Electrical classification	Class I
Detection range	120°
Duration time adjustment	(10 ± 5) seconds to (12 ± 1) minutes
Detection circuitry	Passive infra-red (PIR)
Relay Output	230V ~ 300W LED 300W

Product Range

Code	Finish	Colour temperature
Condor Single	White/Black	Tri-Colour
Condor Single w/ sensor	White/Black	Tri-Colour
Condor Twin	White/Black	Tri-Colour
Condor Twin w/ sensor	White/Black	Tri-Colour

IMPORTANT INFORMATION

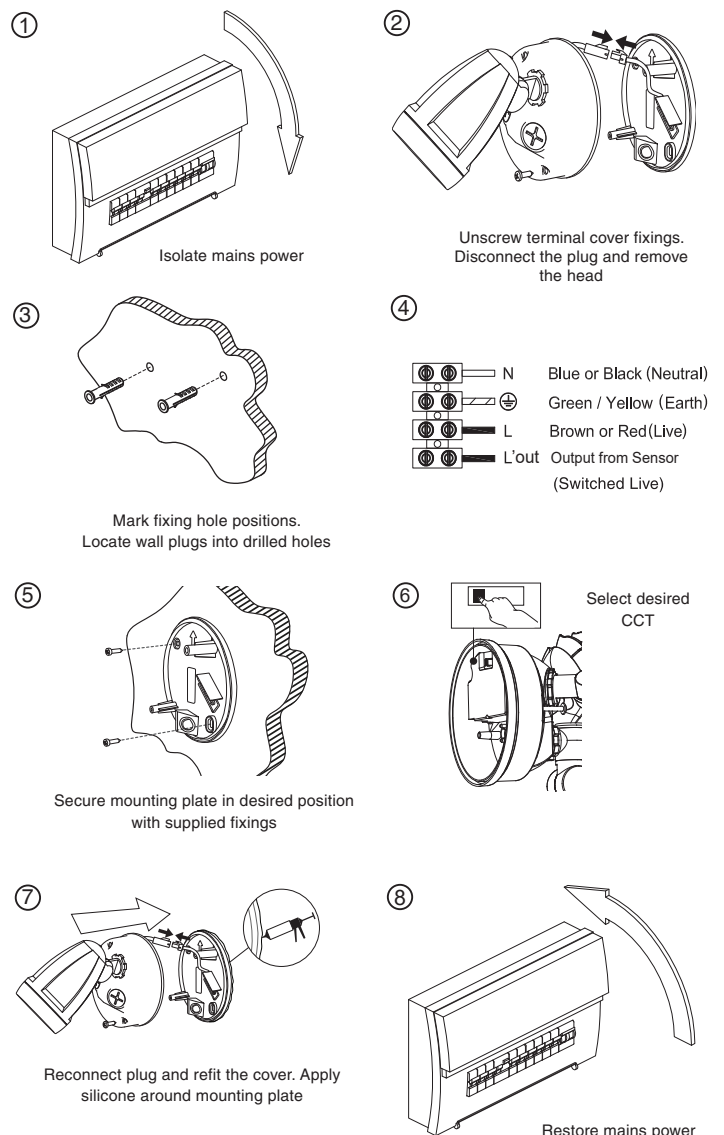
- Luminaires must be installed and fitted by a qualified electrician ensuring the installation complies to the current wiring regulations.
- The LEDs in this spotlight are not replaceable.
- Ensure all electrical connections are secure and that there are no loose strands.
- Clean this fitting with a soft damp cloth. Do not use any chemical or abrasive cleaners.
- Do not jet wash as the spotlight is not rated for high pressure jets of water and may be damaged.
- This spotlight is not dimmable.
- Always switch off the mains supply before installation or servicing.
- Make sure that the fixings are adequate to support the weight of the spotlight and hold it rigidly.
- This product has been designed for residential and light commercial applications. It is recommended not to exceed 6 to 8 hours of continuous operation.

Installation

To achieve best results we suggest the spotlight should be mounted on a stable surface between 1.8 and 2.5m (6 to 8ft) above the ground.

Read instructions and check you have all the tools and accessories to complete the installation correctly.

1. Isolate the mains power supply before commencing installation of the spotlight.
2. Unscrew the fixing cover screws. Disconnect the plug and remove the cover
3. Use the terminal back box to mark the position of fixing holes onto the mounting surface. Drill the wall to a depth of about 4cm and fit the wall plugs (supplied). Care should be taken to avoid drilling or screwing into concealed pipework or electrical wiring.
4. Wire the terminal block according to wiring details. Note: ensure that the cable enters the terminal through the cable grommet.
5. Secure the mounting plate to the mounting surface with fixing screws (supplied).
6. Slide the CCT switch to select the desired colour.
7. Connect the plug and refit the cover. Apply silicone around base to ensure it is adequately sealed.
8. Restore the mains power supply, switch on and test for correct operation.



THIS IS A CLASS I PRODUCT AND MUST BE EARTHED.

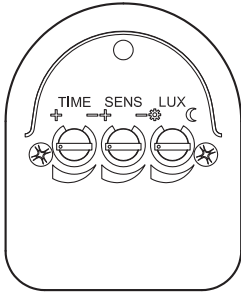


Spotlight Installation



PIR Controls

Adjusting the duration time:
The length of time that remains switched on after activation can be adjusted from (10±5) seconds to (12±1) minutes. Rotating the TIME knob + to - will reduce the duration time.
Note: Once the light has been triggered by the PIR sensor any subsequent detection will start the timed period again from the beginning.



Adjusting the LUX control level:
The Lux control module has a built-in sensing device (photo cell) that detects daylight and darkness. The (☉) position denotes that the floodlight can work at day and night, and the (☾) position only work at night. You can set to operate the unit at the desired level by adjusting the LUX knob.

Adjusting the sensitivity: The sensitivity is the maximum distance which PIR Sensor can be triggered by movement body. Turning the SENS knob + to - will decrease the sensitivity.

Setting the Controls

- Put the Lux control knob to light (*) position, turn the wall switch on and wait half a minute for the control circuit to stabilize. At this stage ensure that the TIME control knob is set at minimum duration. The security lamp will now switch on and remain on for about 30 seconds (within 60 seconds).
- Direct the sensor toward the desired area to be scanned by adjusting the elbow joint and swivel joint on the sensor arm. **IMPORTANT: LOOSEN ALL LOCK NUTS AND SCREWS ON SENSOR AND LAMP BEFORE MAKING ANY ADJUSTMENTS.**
- Have another person move across the center of the area to be scanned and slowly adjust the angle of the sensor arm until the unit sensors the presence of the moving person, causing the light to switch on.
- Adjust time control to required setting.
- To set the light level at which the lights will automatically switch "ON" at night, turn the LUX control knob from daylight to night. If the lamps are required to switch on earlier, e.g. Dusk, wait for the desired light level, then slowly turn the LUX control knob towards daylight while someone walks across the center of the area to be detected. When the floodlights switch on, release the LUX control knob. You may need to make further adjustments to achieve your ideal light level setting.

Manual Override

When the power is turned ON the fitting operates in AUTO mode. In this mode the sensor turns the light ON and OFF automatically.

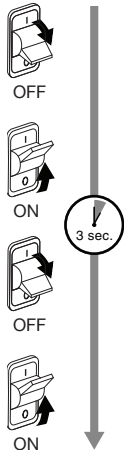
Setting the fitting into 'Manual Mode'

- The Manual Override function means that the fitting can be put permanently 'ON'. In this mode the PIR sensor is disabled.
- To set the fitting into 'Manual Mode' the fitting must be in AUTO MODE. Turn the wall switch OFF then turn it back ON twice within 3 seconds.
- The lights will turn ON permanently and the fitting will be in MANUAL MODE. After 8 hours, the lamp will change into AUTO MODE again.

Note: If the wall switch action is done too fast (e.g. within 1 second) or too slow (e.g. 3 second +) the fitting may not enter into MANUAL MODE.

Setting the fitting back into 'Auto Mode'

- To change back to AUTO MODE, turn the power OFF then turn it back ON again twice within 3 seconds.
- The PIR sensor now will enter into AUTO MODE. The light will stay ON for the period of time pre-set on the sensor, and it will turn OFF after expire of that time
- The sensor now is in AUTO MODE and ready for operation.



Trouble Shooting and User Hints

Problem	Possible Cause	Suggested Remedy
LIGHT DOES NOT SWITCH ON WHEN THERE IS MOVEMENT IN THE DETECTION AREA.	- No mains voltage - LED connection loose - Nearby lighting is too bright - Controls set incorrectly - Sensor positioned in wrong direction	- Check all connections, and fuses switches - Check. Return - Redirect sensor or relocate the unit - Readjust sensor angle or control knob - Redirect sensor and/or adjust
LAMP SWITCHES ON FOR NO APPARENT REASON (FALSE TRIGGER)	- Heat sources such as air-con, vents, heater flues, barbecues, other outside lighting, moving cars. - Animals/birds e.g. possums or domestic animals - Interference from ON/OFF switching of electric fans or lights on the same circuit as your security floodlight (this problem does not always occur but a faulty switch or noisy fluorescent light may cause the security lamp to switch on) - Reflection from swimming pool, or reflective surface	- Adjust direction of sensor head. - Adjust direction of sensor head. - Should the false triggering become troublesome, consider: a) Replacing a faulty switch b) Replacing noisy fluorescent tubes and/or starters c) Connecting the security lamp to a separate circuit (in most cases where one or more of the above suggestions have been carried out, false triggering has been reduced) - Adjust direction of sensor head.
LIGHT REMAINS ON	- Continuously false triggered - Time is set too long.	- Adjust direction of sensor head. - Reduce time
LIGHT SWITCHES ON DURING DAYLIGHT HOURS	LUX control knob is set to daylight position	Turn the LUX control knob to desired light level setting
SHORTER DETECTION DISTANCE IN DAYLIGHT SETTINGS	Interference by sunlight	Re-test at night

Warranty

Atom products are distributed in Australia by Evolt Pty Ltd ('us', 'our', or 'we'). Our contact information is set out in the bottom right hand corner of this page. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

In addition to your guarantees under the Australian Consumer Law, our goods also come with a contractual warranty, which is described below. This warranty is additional to your rights under the Australian Consumer Law (and any other rights or remedies you may have under a law in relation to the products) and is not intended to modify or exclude those rights.

Subject to the terms of this contractual warranty, if your Atom products are defective, we will (at our election) repair or replace the Atom products. Once we make this election (and take the relevant action), we will have honored our obligations under this contractual warranty.

Our total liability under this warranty is limited to the cost of repair or replacement of the defective product (at our election). We otherwise exclude all liability in relation to the product to the fullest extent permitted by law (noting our comments above regarding the Australian Consumer Law and any other rights or remedies you may have).

If you wish to claim under this warranty, you must, at your own expense, return the product or that part of the product which you believe is defective, together with proof of original purchase, your name, address and telephone number and a certificate of installation (or other document required by the law for the installation of electrical products in the place in which the product was installed) to Evolt at the address set out in the bottom right hand corner of this page within the warranty period. You bear all costs associated with claiming under this warranty (including, but not limited to, postage costs). Without limiting the preceding sentence, this warranty does not apply to the costs of the removal or re-installation of the defective product.

The warranty period for this product is three years from the date of purchase. This warranty is not transferable and is only given to the original purchaser of the product, provided the purchaser has purchased the product from us. Proof of purchase must be provided to us with any warranty claim. We recommend that you attach your proof of purchase to your product manual.

This warranty does not apply to consumable items within your product (including, but not limited to, lamps or batteries). This warranty does not apply to products that have been improperly stored, installed, or used. This warranty does not apply to products that have not been maintained in accordance with the instructions contained within this product manual.

This warranty does not apply to loss or damage caused by wear and tear, misuse, incorrect installation or operation, failure to clean and maintain, incorrect voltage or non-authorized electrical connections, adverse external conditions (such as power surges and dips, acts of God, exposure to heat, corrosion, insect or vermin infestation), use of non-authorized or defective parts or globes, or to items that have been repaired than by a person other than us or a repairer approved by us.

Atom is a registered brand of Evolt PTY Limited.

For further information please call Evolt's head office on 1300 4EVOLT (438 658).
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Due to changes in industry standards and Evolt's policy of continual product development, product specifications are subject to change without notice.
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For more information please visit our website www.evolt.com.au

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