

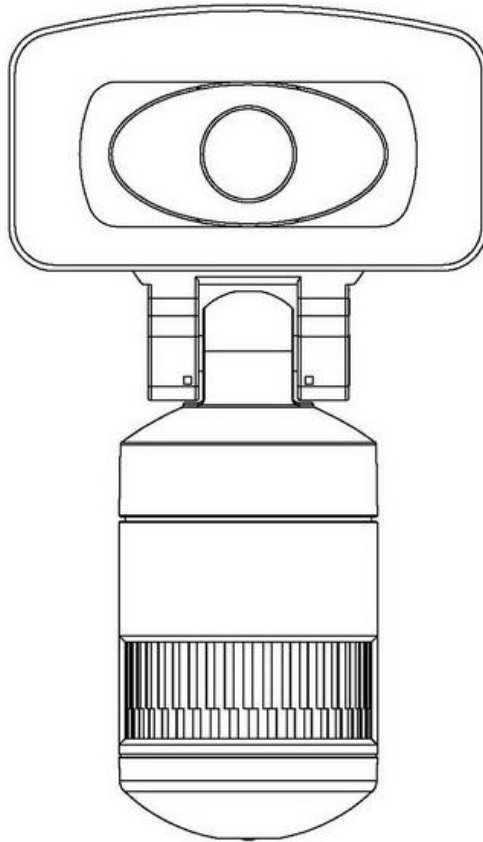


Nightwatcher

Model #NW520

USER GUIDE

MOTORISED LED FLOOD LIGHT



CAN WE HELP?

Questions, problems, missing parts? Before returning to the store call
Nightwatcher Customer Service:

0845 900 6764

Or Email: support@nightwatchersecurity.co.uk

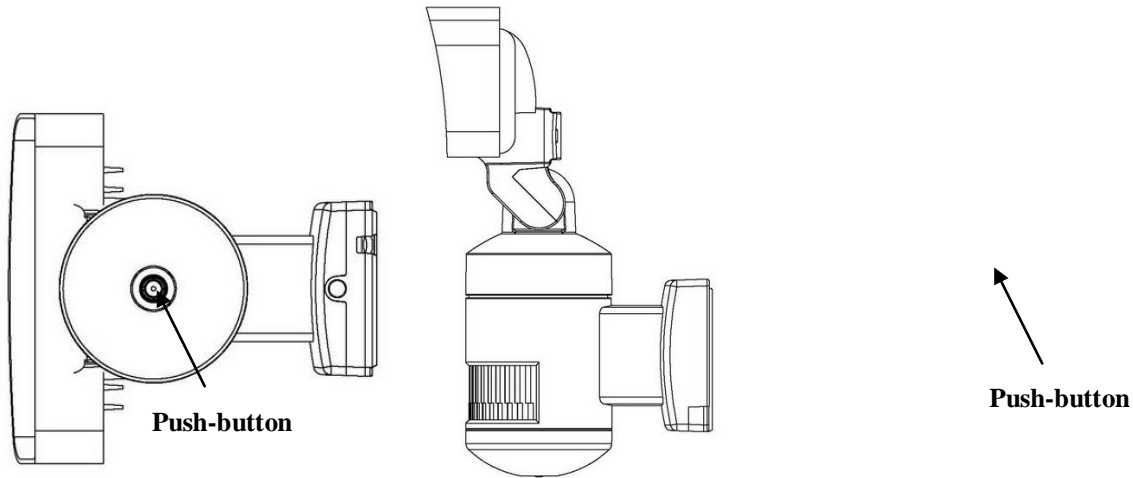
THANK YOU

We appreciate the trust and confidence you have placed in Nightwatcher through the purchase of this motorised LED flood light. We strive to continually create quality products designed to enhance your home. Visit us online to see our full line of products available for your home improvement needs. Thank you for choosing Nightwatcher!

INSTALLATION INSTRUCTIONS

Read all instructions before proceeding with the installation

OVERVIEW OF NW520



IMPORTANT: THE INTALLATION OF THIS FITTING MUST BE DONE BY A QUALIFIED ELECTRICIAN.

- This fitting must be earthed.
- Do not mount the luminaire against inflammable surfaces.
- The motion detector will not operate correctly if it is installed:

- (I) Near the outlet of an air conditioning plant
- (II) Near a window
- (III) Pointing directly at moving objects
- (IV) Within sight of moving objects
- (V) Where other lamps could shine onto the detector

WARNING !!!

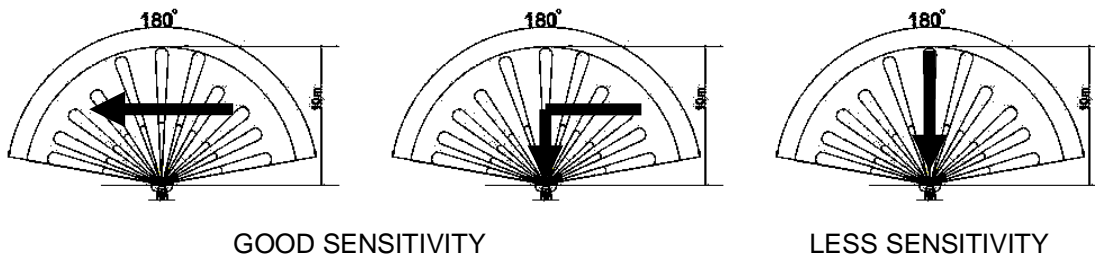
BEFORE ATTEMPTING ANY INSTALLATION OR MAINTENANCE, ENSURE THAT THE ELECTRICAL SUPPLY IS SWITCHED OFF AND THE CIRCUIT FUSES REMOVED OR THE CIRCUIT BREAKER IS IN THE "OFF" POSITION.

NOTE: This highly responsive unit may occasionally activate due to rapid environmental changes. Allow for approximately 30 seconds warm-up time before the sensor resumes normal activity.

MOUNTING THE FITTING

To ensure correct operation of the sensor, mount the luminaire that traffic passes across the detector.

TOP VIEW



GOOD SENSITIVITY

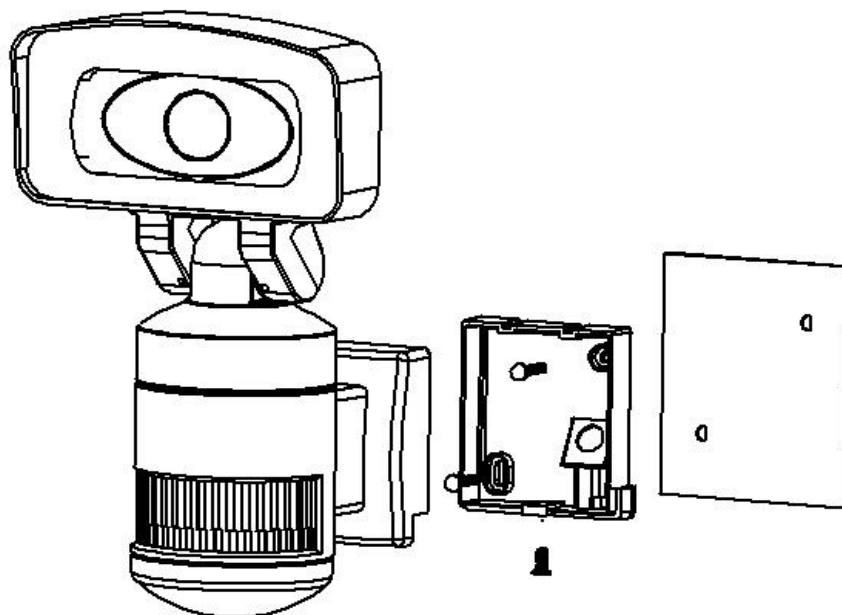
LESS SENSITIVITY

INSTALLATION AND WIRING INSTRUCTIONS

Remove the inset back mounting box from the luminaire. Fit the inset back mounting box onto the wall and tighten the screws at a height that ensures adequate coverage of the area by the infrared detector. The minimum installation height is 2 meters. And the maximum height is 3 meters.

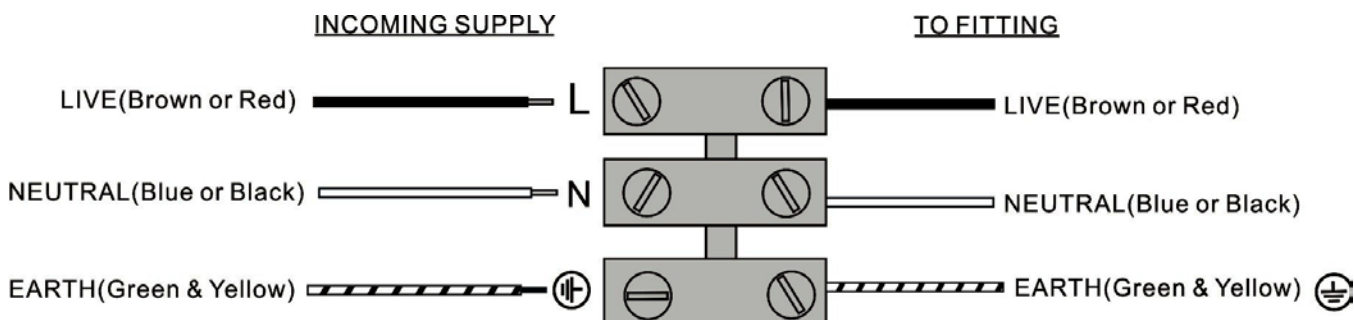
*Please make sure the voltage and polarity are correct before connection. Incorrect voltage may cause an electric shock. If you are not sure, please contact your retailer or a qualified electrician.

NOTE: DO NOT REMOVE THE SECURING TAPE ON THE FITTING UNTIL THE UNIT IS FULLY INSTALLED.



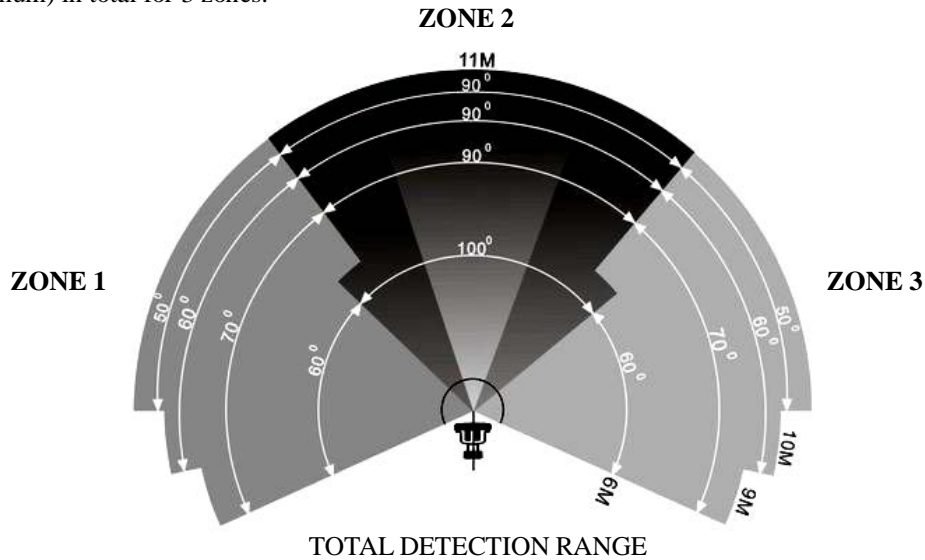
WIRING INSTRUCTIONS

- Feed the cable carefully through the back mounting box and bush to avoid abrasion to the cable.
- Connect the earth wire to the connector opposite the green/yellow cable.
- Connect the brown phase conductor active to the connector opposite the brown cable and tighten the screws.
- Connect the blue neutral conductor to the connector opposite the blue cable and tighten the screws.
- Check that all connections are correct and tight, as any misconnections will damage the detector.
- Re-fit the fitting to the back mounting box.



FUNCTION

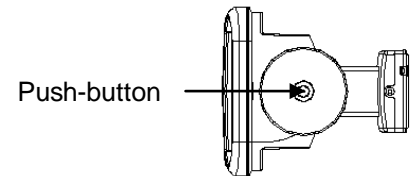
This light is equipped with 3 motion sensors: zone 1 covers 60 degree, zone 2 covers 100 degrees and zone 3 covers 60 degrees. 220 degrees (maximum) in total for 3 zones.



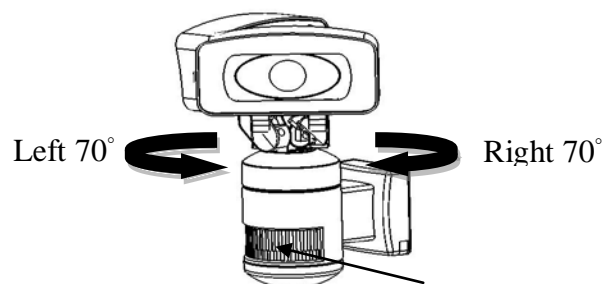
- The light will switch on for 3 minutes and off automatically when heat/ movement is detected.
- The factory default: the light on is fixed at 3 minutes and is set to Night-time mode.
- To change the mode to All Day Mode, push the button at the bottom of the housing and the hidden LED indicator will turn off under this mode. The light will be on at 3 minutes when detecting any movement at day and night.

- Push-button for programmable functions:

- All day mode: light works on day and night
- Night-time mode: light works at night only



- Reset function: If the stepper motor of tracking light is working abnormally, the hidden LED indicator will flash red and the light will stop turning automatically. In All Day mode, the red light will flash for 5 seconds and off for 5 seconds; in Night-time mode, the red light will flash in the regular pattern. Please simply switch the mains power off and on to reset the tracking light. Below are the possible abnormal situations;
 - External force: the light head is blocked by objects or is blown by strong wind and is unable to turn properly, the hidden LED will flash in red to signal users the abnormal situation.
 - Stepper Motor : when the stepper motor is reaching the end of its life or is damaged, the bottom hidden LED will flash red to signal a malfunction. Please switch the NW520 off and on at the mains, the tracking light now may or may not resume operation. If the stepper motor stops working and is outside the standard warranty period, the NW520 will continue to function as a regular motion sensor security light.



Hidden LED indicator

OPERATION

1. Turn on the wall switch to activate the light, the light is now under Night-time mode

NOTE: Allow approximately 30 seconds warm-up time before the sensor resumes normal activity.

2. To test, walk through the sensor's detection area.

3. After the light is activated, **keep out of detection area** and the light will switch off automatically after 3 minutes. The light will be activated again when detecting any movement.

If there is continuing movement in the detection zone, the light will stay on until movement ceases. (after 3 minutes)

NOTE: THE INTELLIGENT MOTION SENSOR TRACKING LIGHT IS DESIGNED TO ILLUMINATE WHEN THE DETECTION AREA IS ENTERED BY A PERSON AND WILL DETECT MOVING HEAT SOURCE. THERE IS NO GUARANTEE IMPLIED THAT IT WILL PROVIDE TOTAL SECURITY OR PREVENT ILLEGAL ENTRY.

SPECIFICATION

Detection method: Passive Infrared Sensor (with continuous detect function)

Sensor range: 10m x 210° (maximum)

Power source: AC 240V 50Hz

Time adjustment: Fixed at 3 minutes approx.