

AMBIUS



Product & Technical Information

Model: ABH100B, ABH100W, ABH140, ABH140S

Supply: 220-240V ~ 50Hz

Lamp: Integrated LED

Use: Indoor & Outdoor (Permanent use)

Operating Position: Rigid Vertical or Horizontal surface

Safety Warnings

- Always read the instructions carefully before installation, failure to do this could result in damage to the product, property or harm to the installer.
- This product must be installed by a licensed electrician in accordance with the Australian / New Zealand Wiring Rules AS/NZS 3000.
- It is recommended that this product be used on a circuit board protected by an Earth Leakage Circuit Breaker or Safety Switch.
- Allow suitable ventilation around the light fitting and do not cover with any material.
- Do not immerse any part of the light fitting in water or any other liquids.
- Regularly inspect the light fitting to ensure that no damage has occurred, if damage is found cease use and replace.
- Do not attempt to modify this fitting in any way.
- The LED Driver and LED module is not replaceable.

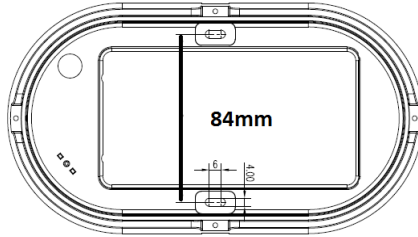
Specification	ABH100B	ABH100W	ABH140	ABH140S
Rated Power (W)	10	10	14	14
IP	54	54	54	54
Dimensions (mm)	212 H 119 W 60 D	212 H 119 W 60 D	212 H 119 W 60 D	212 H 119 W 60 D
Colour Temperature	4000K	4000K	4000K	4000K
Colour Rendering	80 RA	80 RA	80 RA	80 RA
Sensor	No	No	No	Yes
Beam Angle	N/A	N/A	N/A	120°
Detection Distance	N/A	N/A	N/A	8-10m
Detection Angle	N/A	N/A	N/A	120°
Time	N/A	N/A	N/A	10s ~ 5M

Installation

- Ensure power to the circuit is isolated for the duration of the installation.
- Ensure all packaging materials are fully removed prior to installation.

1. Switch off the mains before commencing installation.
2. Mark appropriate drilling positions. (see fig 1)

Fig. 1



3. Fix mounting base using the screws provided.
4. Please ensure that any connection made complies with New Zealand Electrical Wiring Rules AS/NZS 3000.
5. Energise the circuit at the mains, you light should now turn on
6. On a Sensor unit, adjust the PIR sensor to the desired settings.

RECOMMENDATIONS:

- Scanning specifications (Up to 10 metres at 120 degrees, fig 2.) may vary slightly depending on the mounting height and location. The best all-round coverage is achieved with the unit mounted at the optimum height of 2.5m.
- The detection range of the unit may also alter with temperature change. Before selecting a place to install the security light, you should note that movement across the scan area is more effective than movement directly toward or away from the sensor. (Refer Fig 3). Therefore position the units so that the sensor looks across the likely approach path.

Fig. 2

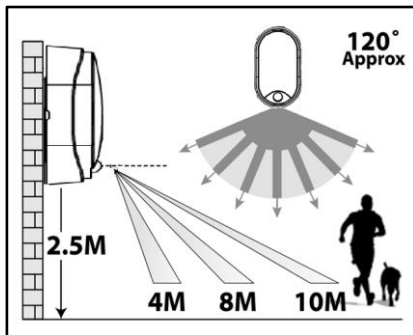
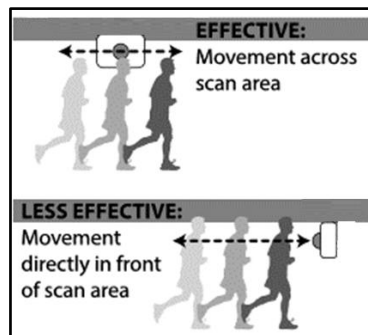
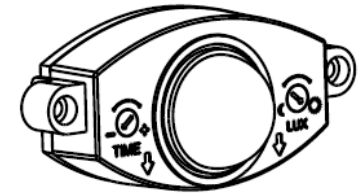


Fig. 3



SENSOR CONTROLS:



TIME: the length of time the unit remains switched on after activation can be adjusted from approx. 10sec to 5mins.

LUX: turning control to “Sun” symbol means the light is set to work during day or night. Turning control to “Moon” symbol means the light is set to work at night.

TROUBLE SHOOTING GUIDE

PROBLEM	SOLUTION
Lamp stays ON all the time at night	Cover PIR Sensor with a thick cloth. If the light turns out, check detection area for heat or reflective source. If the light stays on, check wiring
PIR keeps activating for no reason/ at random	Rest unit. Leave for a maximum of 5 minutes. If light activates, check area for false activation from heat or reflective source.
PIR sensor will not operate at all	Check that the power is switched ON at the circuit breaker/internal wall switch. Turn OFF the power to the unit and check the wiring connections. Please note that the unit will not detect through glass.
The PIR sensor will not operate at night	On detection, the ambient light around the sensors current location is too high. Turn the Dusk setting clockwise until the lamp illuminates.

PROOF OF PURCHASE:

Please retain your purchase receipt for all warranty claims

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