Brilliant	**STINGER** Single security light with sensor	**22824/_ _**		
		/05-White	/06- Black	

Before first using your new Brilliant Security light, it is most important that you read and follow these instructions, even if you feel you are quite familiar with this type of product.
Find a place and keep this document handy for future reference.

THIS FITTING MUST BE INSTALLED BY A QUALIFIED ELECTRICAL CONTRACTOR in accordance with the latest AS/NZS 3000 and relevant amendments

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FOR YOUR SAFETY

- To prevent electrical shock, please ensure that POWER is DISCONNECTED before installation.
- During use the light head and/or light assembly may become hot.
- Do not install in a position where the fitting can be easily accessed by children or the infirm.
- Do not touch any parts of the assembly with bare hands while it is 'ON'.
- Be aware of the height of your installation. Refer to '**Working at Heights**' guide from your local or State Authorities.
- Any alterations or additions to building wiring **must be completed by a licensed electrician** or person authorized by legislation to work on the fixed wiring of any electrical installation.
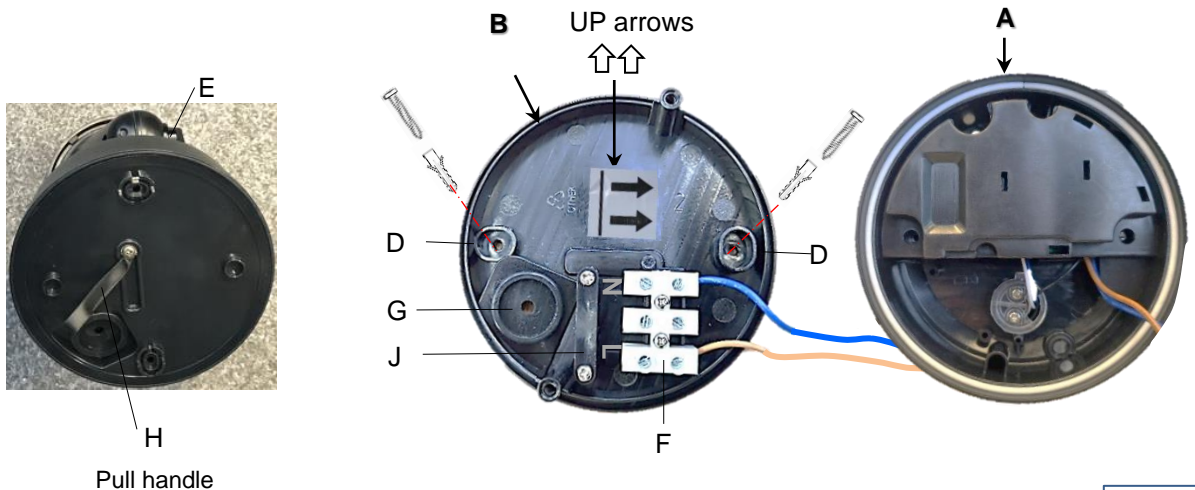
22824/05 - White

22824/06- Black

Specifications:

Product Code:	22824/05- White ; 22824/06 - Black
Description:	STINGER LED single security light with sensor
Voltage Wattage:	220-240V AC , 50Hz 10 W
IP raring:	IP44
Lumens:	850lm , Cool White
CRI & Beam angle:	>80 & 120°
Rated Life Span:	35000h
Material:	Polycarbonate
Sensor:	PIR, Warm Up Mode: 60sec; Time: (10 ± 5)s to (4 ± 1)min; SENS: Min-max; LUX: Day - Night; Range: 12m x 150 deg. Manual override: Yes; Timer restart: Yes;
Weight:	0.453kg
Class:	Class II

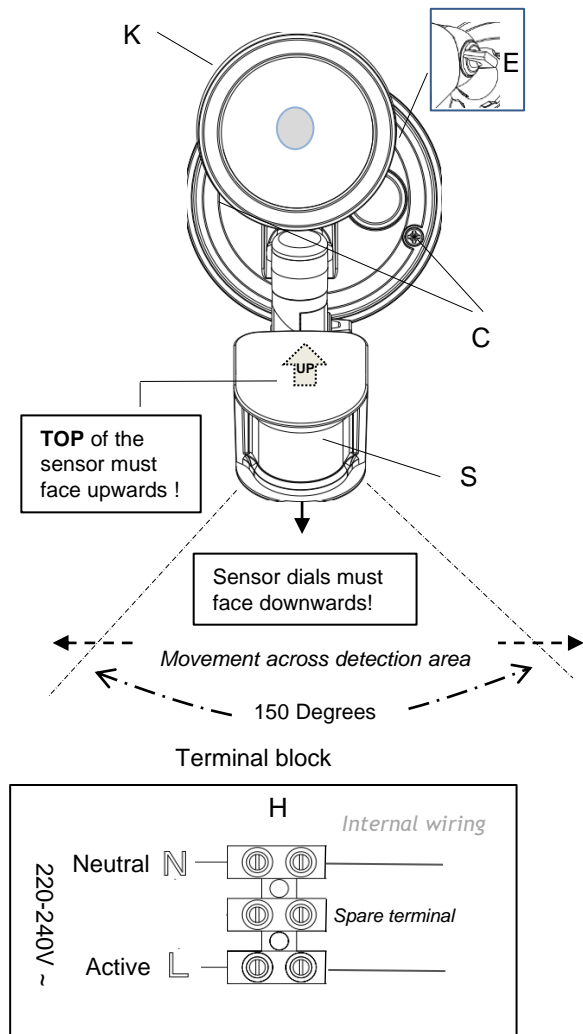|	**STINGER** Single security light with sensor	**22824/_ _**	
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Installation Instructions

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B — UP arrows — A

E

D   D

G

J

F

H
Pull handle

Installation:

Find suitable location where motion is expected across the detection area.

1. Switch the mains power **OFF**.
2. Remove the mounting base 'B' from the light body 'A' by unscrewing the two front screws 'C'. Pull handle 'H' to remove mounting plate 'B'.
3. Drill two holes in the wall using the holes 'D' in the mounting base 'B' as a template. Ensure mounting base will face UP in correct orientation, refer to UP arrows on it.
4. Insert the plastic rawl plugs into the holes if required.
5. Before installing the mounting base back onto the wall, run your mains cable through grommet 'G', then secure the mounting plate by tightening the screws into the rawl plugs. WARNING: Ensure the mounting base 'B' is facing in correct orientation, refer to the 'UP' arrow on it.
6. Connect the wiring into the Terminal Block 'H' ensuring power cable passes through rubber grommet 'G'. Secure the cable with cable clamp 'J'. Apply silicone around cable and grommet 'G' if required to maintain IP rating.
7. Connect the Neutral (N) and Active (L) according to the markings on the terminal block 'F'. (Middle terminal is a spare one)
8. Refit the light body 'A' to the mounting base 'B', securing it in place using 2 screws 'C' and washers removed earlier. Tighten the screws firmly.
9. Adjust the head(s) 'K' and sensor 'S' into desired direction by loosening up the butterfly nut 'E' in the knuckle. Re-tighten nut 'E' after adjustment.
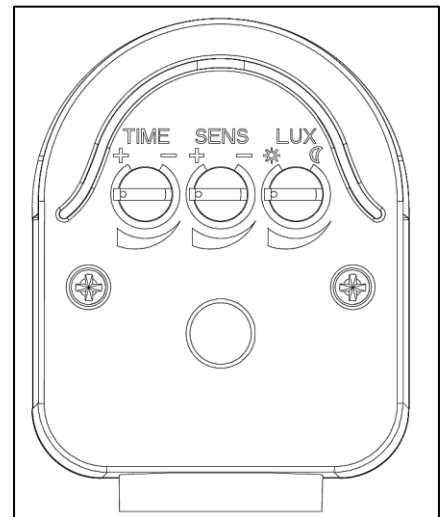10. Switch **ON** the power.

K

E

C

TOP of the sensor must face upwards !

S

Sensor dials must face downwards!

Movement across detection area

150 Degrees

Terminal block

H — *Internal wiring*

Neutral N — Spare terminal

220-240V ~

Active L

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The controls on the Sensor

TIME: The length of time the light remains ON after detection can be adjusted from **10+5sec** to **4+1min**utes. Rotating the TIME dial towards '+'will increase the time, rotating towards '-' will reduce duration of time. Timer has '**time restart'** function. Any subsequent detection will restart the TIME period again from the beginning.
Example: time set to 3min. Sensor detects movement again after 2 minutes. Time restarts again from the beginning and the light will stay on for 2+3= 5minutes.
SENS: Sensitivity can be adjusted from minimum (-) to maximum (+).
LUX: The Lux setting determines when you want the light to come on. In Night setting (☾) the sensor will only work at night, while in the Day setting (☀), the sensor will operate during both day and night.
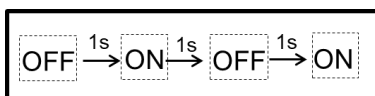
Setting the controls

1. Set the LUX to Day and SENS to about 50% (later it can be increased) and TIME to minimum (-).
2. For best performance, face the sensor in direction where the motion is expected across the detection area. The sensor is less sensitive when motion is towards or away from it.
3. Adjusting the elbow joint on the sensor arm, loosen the knuckle and screw and direct the sensor towards desired area.
4. Turn power ON. The light will turn ON and your security sensor light will go into warm up mode for about 40 sec. After 40 sec the light will turn OFF.
5. Wait for another 20 seconds, then move across the detection area. The sensor will turn the light ON for Time set (the minimum time is about 10+5sec.)
6. To check the 'add on time' function, keep moving around in detection area. The light will stay ON until the sensor detects movement. Once no detection is made, the light will turn OFF (after expire of time after the last detection).
7. Once you are happy with the performance of the sensor, secure the sensor arm by tightening the knuckle and screw.
8. After initial testing is completed adjust the TIME, LUX dial and SENS dials to the desired level.
9. Further adjustments may be required to maintain your security light at ideal LUX and SENSITIVITY level settings.

MANUAL MODE: (Sensor Override Function)

Manual Mode is used when you want your security light to stay permanently ON. In this mode the sensor function is disabled.
To turn the light permanently ON (disable AUTO Mode), turn the wall switch OFF/ON twice within 3 seconds.
The switch action is the following:

OFF $\xrightarrow{1s}$ ON $\xrightarrow{1s}$ OFF $\xrightarrow{1s}$ ON   max about 3 sec.

NOTE: If the wall switch action is done too slow (more that 3 sec) the fitting may not enter into MANUAL MODE.
To change back to AUTO MODE, turn the wall switch OFF for about 15 seconds, then turn it back ON. The security light will now go back to WARM UP mode for 60 sec and turn the light ON. After 60 sec the light will turn 'OFF' and your security light will be in AUTO mode.

WARNINGS

- All products must be installed by a licensed electrician. All wiring must conform to AS/NZ3000 and relevant Amendments.
- Disconnect all power before installing this product.
- Ensure fitting is installed in correct orientation. Refer to the UP arrows from inside of the mounting plate. If installed incorrectly the warranty will get void.
- Ensure the SENSOR dials face downwards. If installed incorrectly the warranty will get void.
- Do not attempt to adjust the angle of the fixture until the unit has been switched off.
- Loosen all knuckles and screws on lights and sensor before adjusting. Failure to do so can damage the fitting.
- This product is double insulated - CLASS II construction.
- Ensure all electrical connections are firm.
- Ensure the nut 'E' in each knuckle is tightened well to maintain IP rating and prevent water ingress.

WARNINGS continued:

- Care should be taken when drilling into wall so as not to drill into hidden power cabling.
- Designed for wall installation, not recommended for ceiling installation.
- DO NOT ATTEMPT TO OPEN THE LIGHT FIXTURE – The fitting has no serviceable parts.
- The unit is not dimmable.
- Do not allow children to play with the product.
- Do not use excessive force adjusting the heads and sensor into desired direction.
- Do not perform modification or change parts within the light fixture.
- Never operate the fixture without the glass lens installed.
- Suitable for outdoor use.

Recycling and environmental concerns
- Dispose of packaging thoughtfully
- When the fitting reaches its end life, recycle in accordance with your local regulations

- This fitting has no serviceable parts.

Warranty:

Brilliant Lighting warrants this product against defects in manufacture and workmanship for a period of 3 years from date of purchase. This warranty is only valid for products installed by a qualified electrical contractor and operated within the guidelines specified by Brilliant Lighting, and within the correct operating voltage ranges as stated on the product's rating label.

Warranty does not include damage or loss arising from incorrect installation, operation or maintenance of this product, damage caused through modification, incorrect installation, service by unqualified or unauthorised personnel or lack of regular maintenance and cleaning. Proof of installation by qualified personnel may be required, eg. Electrical Safety Certificate. Proof of purchase must be supplied with all warranty claims.

This warranty is provided in addition to any other rights and remedies of the customer under any law. Liability is limited to replacement or reimbursement of product only.

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 goods fail to be acceptable quality and the failure does not amount to a major failure.

Any claim under this warranty must be made within 3 years of the date of purchase of the product. To make a claim under the warranty, take the product (with proof of purchase – receipt or similar) to the store where you purchased the product or contact Brilliant Lighting at the address below, or use our warranty claim form found on our website.

This warranty is given by:

Brilliant Lighting (Aust)Pty. Ltd.
ABN 37 006 203 694
956 Stud Road Rowville, VIC 3178
Phone: 03 9765 2555
Email: warranty@brilliantlighting.com.au

Made in China