SMART ALLY FLOODLIGHT with WiFi CAMERA
Model No: 21891/06

Congratulations on the purchase of your new BrilliantSmart WiFi Product. Before first using, it is most important that you read and follow these instructions, even if you feel you are quite familiar with this type of product. Keep this document handy for future reference.

ATTENTION: THIS PRODUCT MUST BUST BE INSTALLED WITH OWN WALL MOUNTED ISOLATION(On/Off) SWITCH.

PRODUCT MUST BE INSTALLED BY A QUALIFIED ELECTRICAL CONTRACTOR

FOR YOUR SAFETY
- To prevent electrical shock, please ensure that POWER is DISCONNECTED before installation.
- 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 wire terminal with bare hands while it is 'ON'.
- Do not perform modification to the unit.
- Any alterations or additions to building wiring must be completed by a licensed electrician or person authorised by legislation to work on the fixed wiring of any electrical installation.

Twin Floodlights

3 x IR Night Vision LEDs

Camera Lens

Reset switch

Microphone

PIR Sensor

Locking Latch Mechanism

Mounting Base

MicroSD slot

Main Housing

Locking Screw

Speaker

Technical Specifications – This Product has No Serviceable Parts.			
Power Input:	220V–240V AC 50Hz	LED:	20W - 2 x 10W Chip On Board (COB) Integrated LED.
LED Colour Temp:	Cool White	Controls:	Via BrilliantSmart App Only
Construction:	ABS and PC Plastic UV Resistant, Aluminium Heatsink	Electrical Classification:	Class II
Camera:	FHD 1080 2.0 Megapixel camera	Day vision: Night vision IR:	Up to 15 meters distance max Up to 5 metres distance max
Memory/storage:	Micro SD card up to 128GB – Class 10 minimum (not included)	Weather resistant rating:	IP44
Audio:	High quality two-way audio	Motion detection:	3-Level motion detection (low, medium, high)
Works with 2.4GHz WiFi frequency only		Security: Mac Encryption; WEP/WAPI/TKIP/AES	
WiFi Standard: 2.4GHz IEEE802.11b/g/n		System Req's: iOS 8.0 or higher, Android 4.1 or higher	
Included in the box: Smart Ally Floodlight with WiFi Camera, Mounting Screw x 2, Rawl Plugs x 2, Security Tool x 1, installation manual x 1.			

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WARNINGS

- Installation, repair and/or inspection must be conducted by qualified personnel in accordance with Australian Standards and local Building codes.
- Care must be taken to ensure electrical wiring and other hidden utilities are not damaged when drilling or cutting mounting surface.
- Do not operate this fitting in harsh environmental conditions such as building sites.
- Do not install it on surfaces which can move or vibrate.
- Do not allow children to play with wall switch turning ON/OFF rapidly.
- Ensure wire connections are firm.
- Do not attempt to perform modification or change parts within the unit.
- Dispose of packaging thoughtfully.


225mm

190mm

Ø112mm

Please Note:
1. BrilliantSmart App screens may differ due to application updates & improvements.
2. Please use the device as per instructions.
3. To prevent injury DO NOT open or tamper with internals of this device
4. Power surge/power loss could possibly reset smart device. If this happens follow setup instructions.

Disposal
Please dispose of this packaging and product thoughtfully once it has passed its useful life. When your smart device comes to the end of its life or you choose to update or upgrade it, please do not dispose of it with your normal household waste. Please recycle where facilities exist.When disposing of this fitting, check with your local authority for suitable options.

height 2.5m
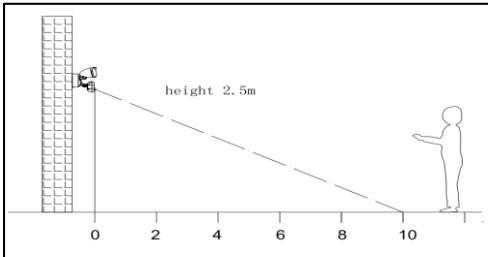
Location Selection:
- For best performance, floodlight should be mounted 1.8 to 2.5 metres above the selected area. The sensor detection area can vary depending on mounting height and location.
- Select a mounting position where detection will occur across the scanning area

Approx 3—4m

110°

Approx 3—4m

Approx 10m
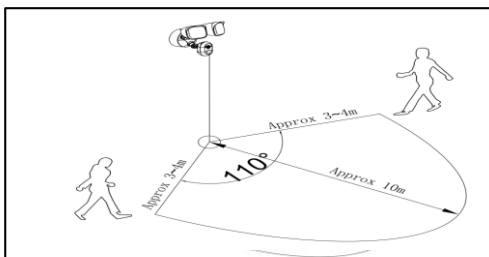
Detection Range:
- The detection range of your sensor may alter with changes in temperature.
- DO NOT direct the sensor toward the sun.
- To avoid nuisance detections, your sensor light should be directed away from sources of heat such as barbecues, Air Conditioners, outside lighting, moving cars or flue vents.
- Consider your neighbour when positioning the unit.
- Unit is most sensitive to movement across sensor.

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INSTALLATION

BEFORE INSTALLATION, PLEASE CHECK THAT THE LOCATION SELECTED FOR THE INSTALLATION OF THE SMART DEVICE IS WITHIN RANGE OF YOUR HOME WIFI AND SIGNAL IS STRONG.

INSTALLATION OF MICROSD CARD

Before mounting product to surface, using supplied security tool unscrew and remove MicroSD cover and insert MicroSD Card – 128Gb Max Class 10 (Sold Separately).
Once MicroSD card is correctly inserted, replace cover and secure firmly.
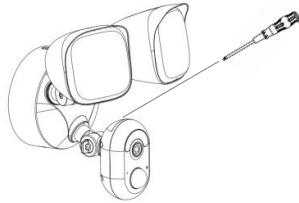
Step 1
Remove product from packaging. Dispose of packaging thoughtfully as to Local Government guidelines.
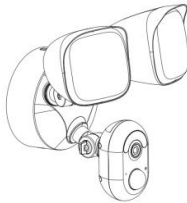
Step 2
Turn **OFF** mains power before installation of wiring and connecting device.
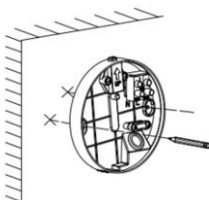
OFF
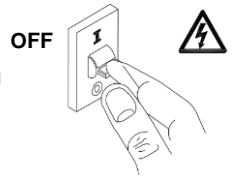
Step 3
Using Philips screw driver remove Locking Screw from base and set aside **(A)** .
Using your finger press down on Locking Latch Mechanism **(B)** .
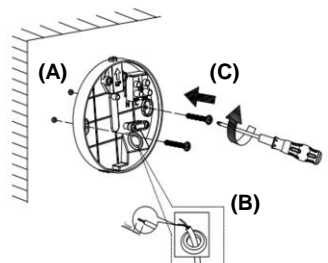Remove Mounting Base from Main Housing **(C)** .

(B)

(C)

(A)
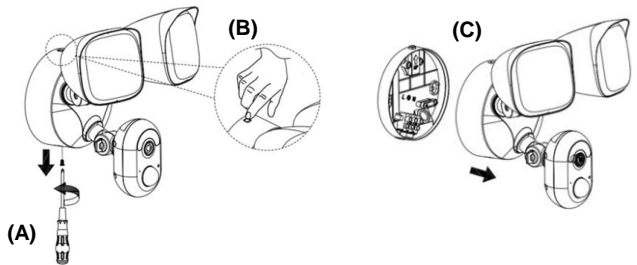
Step 4
Using Mounting Base as a template place against surface at desired location and mark and drill mounting holes for Screws and Rawl plugs.

Step 5
Insert supplied Rawl Plugs **(A)** . Strip and Pull electrical Wiring through cable access hole **(B)**. Secure mounting Base to surface with Supplied Screws **(C)**.

(A)

(C)

(B)
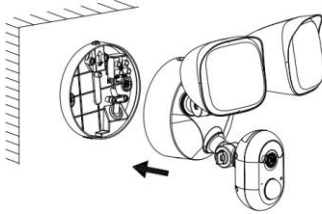
INSTALLATION - CONTINUED

Step 6
Remove Cable Anchor **(A)**. Connect wires Active (L) and Neutral (N) according to the markings on the terminal block **(B)**. Push any excess cable through cable entry hole **(C)** and secure firmly with Cable Anchor **(A)**.
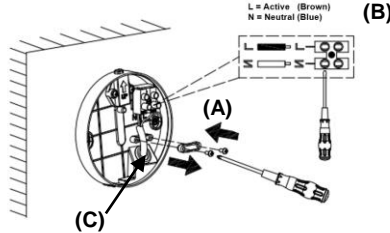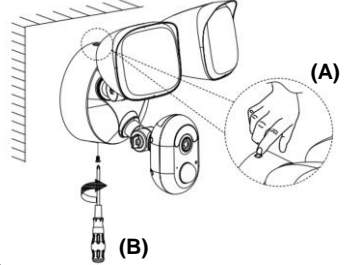
Step 7
Carefully line up Main Housing Connection Contacts with Terminal block contacts on Mounting Base**..**
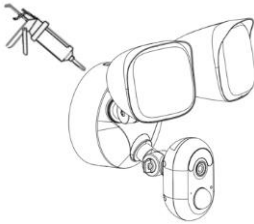
Step 8
Push Main Housing onto Mounting base making sure Locking Latch Mechanism clicks in place on Main Housing **(A)**. Return Locking Screw in base **(B)**.
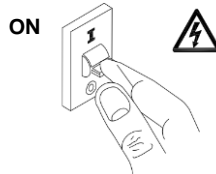
Step 9
Once fully installed and secured onto surface place a bead of Silicon (colour of your choice) 360⁰ around base and surface. This is required to maintain IP Rating and Warranty

Step 10
Return Main power to **ON**.

## WiFi SETUP – All Smart Devices work with 2.4Ghz Frequency Only

Before Pairing your New Smart Device, please Download and Register the BrilliantSmart App – this is available from both App Store (iOS) and Google Play (Android). Or scan the QR Code.

**Ensure your Mobile Phone/Device(Tablet/iPad) is connected to you 2.4Ghz Wifi Network.**

Your mobile phone/device and Smart product must have strong signal strength from your Wifi Router/MESH of Access Point (AP). If installing more than 15 smart devices to your Wifi Network, we do not recommend using WiFi Extenders – these will be recognised from your Network as a separate Smart device and will limit your connectivity.

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1. On initial power on Flood Lights and Sensor Red LED will light up.

2. After 40 seconds you will hear a chime, Flood lights will turn off after another 10 seconds and Sensor Red LED will begin to Blink slowly.
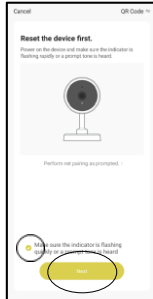
Floodlights

Sensor LED
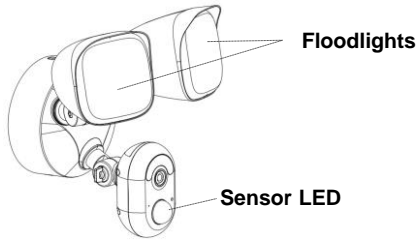
3. Open BrilliantSmart App. once logged in select 'Add Device', (If empty room) or '+' to add your smart device.
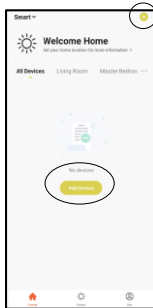
4. Select 'Smart Camera' from the List.

5. Select 'Make sure the indicator is flashing quickly or a prompt tone is heard' then hit 'Next'.

6. Confirm your Wifi Network is correct and type in your Wifi Network Password. Then select 'Next'.
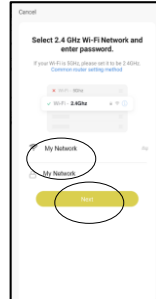
7. Scan QR code with Smart Camera. Hold 'QR Code' approx. 20 cm in front, facing smart camera lens. Camera will chime, Select 'I Heard a Prompt' Sensor LED will now flash Blue.

8. Device will now start connection. Sensor Blue LED will stop flashing once correct connection is in progress.

|			
9. Once connected you will be prompt 'Added Successfully'. Select a room or area the device is in. You can click on the pen icon to change the device name then press 'Done'.		10. The device is now ready to use. Select the Icon. This will take you to the User Interface (UI).	

Reset Device

If the device fails to go into paring mode after the initial start up. Using the supplied Reset Pin, press and hold reset switch for 5 seconds. Device will chime and floodlights will flash 2 times. Wait 40 - 50 seconds for device to initialize with Red LED blinking and proceed with Step 1 of Wifi Setup.
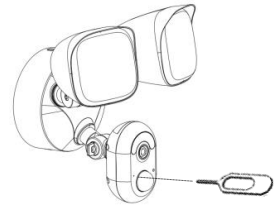
Full Factory Reset

If device is non responsive in the app, the device may need to be reset to factory settings.
1. Open BrilliantSmart App.
2. Select and hold down on device Icon.
3. Check select device then Select Remove Device.
4. Select Confirm to 'Delete device or dismiss group?'.
5. Select 'Done'.
6. Device is now deleted from the BrilliantSmart app and Cloud. Follow Wifi Setup page 5 to reconnect device to BrilliantSmart app.
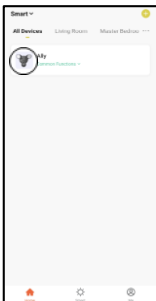
1	2	3	4	5

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TROUBLESHOOTING

TROUBLE	PROBABLE CAUSE	SUGGESTED REMEDY
LED indicator light not on or device not powering up.	**A** Fuse or circuit breaker has blown.	**A** Check main and branch circuit breakers.
	B Loose wire connections to the unit.	**B** Check all wire connections to the unit are secure & firmly.
Indicator light is flashing blue or device is offline.	**A** Device lost internet connection and unable to back online.	**A** Restart device.
Unable to pair the device with smart app.	**A** Device not in pairing mode.	**A** Press and hold reset switch for 10 seconds until device LED indicator turns red and starts blinking. (Supplied reset pin may need to be used for models with internal reset switch).
	B No Internet access.	**B** Ensure WiFi network is working and able to access internet connection. Advice to refresh WiFi modem by switch OFF then switch ON the power. If problem still persist, please contact your internet service provider.
	C Dual WiFi network modem.	**C** Ensure your mobile device are connected to 2.4GHz network before start the pair process. Disable 5GHz temporarily until pairing is completed.
	D Modem is too far away from the unit.	**D** Advice to use WiFi extender to help keep the WiFi signal in range.
	E Smart App requires update.	**E** Check & install latest smart app update.
	F Smart App not responding.	**F** Re-install the smart app after remove the app from the mobile device.
	G WiFi bandwidth not enough. Too many devices connected to the WiFi modem.	**G** Standard modem usually allows connection of 10 to 15 devices. If more devices needing connection, we advise to upgrade the modem or use a WiFi MESH/AP(Access Point).
Device in the app shown Offline.	**A** No Internet access.	**A** Ensure WiFi network is working and able to access internet connection.
	B Require refresh the smart app.	**B** At home screen, pull down the screen to refresh the app. Or close the app and start again in your mobile device.
	C Smart device power turn on less than 1 minute.	**C** When smart device power on it will take up to 1 to 2 minutes to connect to the cloud server. Wait at least 1 to 2 minutes and refresh the home screen.

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Warranty:

Brilliant Lighting warrants this product against defects in manufacture and workmanship for a period of 1 year from date of purchase or as specified elsewhere (battery not included). For products used in non-domestic or commercial applications, Brilliant Lighting warrants this product for a period of 3 months from date of purchase. This warranty is only valid for products installed 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, e.g. 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. In applications not intended for household, personal or domestic use, liability is limited to replacement or reimbursement of product only. Brilliant Lighting does not warranty the costs of removal or re-installation of this product or associated components.

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 of acceptable quality and the failure does not amount to a major failure.

Any claim under this warranty must be made within the specified warranty period from date of purchase of this product. To make a claim under the warranty; at your own expense 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.

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
Web: www.brilliantsmart.com.au
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