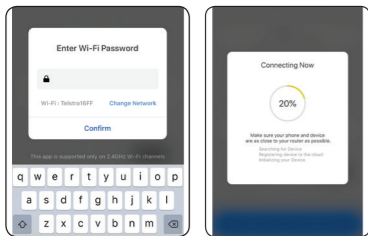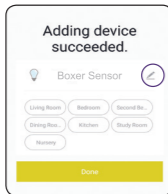4. Enter your home WiFi password. Connection will now begin.

5. Once connected you'll get a menu **'Adding device succeeded'.** Select the room device and press **'Done'.**
   You can click on the pen to change the device name.

6. The smart device can now be controlled by the BrilliantSmart app.

Go to www.brilliantsmart.com.au for full instructions and features.

Warranty

Brilliant Lighting warrants this product against defects in manufacture and workmanship for a period of 5 years from date of purchase. Warranty does not include damage or loss arising from incorrect installation, operation or maintenance of this product, damage caused through modification, or incorrect installation.

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 5 years of the date of purchase of the product.

Refer to our website brilliantlighting.com.au for terms and conditions and warranty claims.

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

Warning

To prevent injury, this apparatus must be installed by a licensed electrician.

Care information

• Please handle the fitting with care. Clean with soft dry cloth, do not use chemicals.

For your safety

• Ensure power is turned off before installation and cleaning.

• During use the light assembly becomes hot. Do not touch any parts of light assembly when it's hot and while it's 'ON'.

• Be aware of the height of your installation. Refer to 'Working on heights' guide from your local Worksafe Authorities.

• Turn the power OFF before cleaning/ maintenance.

WARNING

• Any alteration or additions to building wiring must be done by a licensed electrician or person authorised by legislation to work on the fixed wiring of any electrical installation.

• This fitting has no serviceable parts. Recycle in accordance with your local recycling procedures!

NB: BrilliantSmart app screens may differ due to application updates to improvements.

Disposal

Please dispose of this packaging material thoughtfully.

Please dispose of this 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.

Troubleshooting

Problem: Smart device does not switch ON

Possible Cause	Suggested Solution
No Mains Power	Check connections, fuses and switches

Problem: Cannot link smart device with BrilliantSmart app

Possible Cause	Suggested Solution
1. Modem signal weak	Place device and modem closer together
2. Router/modem/smart phone firewall is enabled	Disable firewalls on all devices
3. Internet connection is down	Contact your provider
4. BrilliantSmart app not installed correctly	Remove app and re-install

For any other problems connecting your smart device to BrilliantSmart app please visit:
www.brilliantsmart.com.au/faqs

Boxer WiFi PIR Outdoor Sensor
20707/06

Brilliant Lighting
956 Stud Road
Rowville Vic 3178 Australia

www.brilliantlighting.com.au

Australian Sales
T 03 9765 2555
T 1800 817 754 (interstate only)
F 03 9763 0277
E warranty@brilliantlighting.com.au

New Zealand Sales
T 09 974 9618
E sales@brilliantlighting.co.nz

Works with **IFTTT**

NO HUB REQUIRED

WiFi

USER MANUAL

Box Content

Smart Boxer PIR Sensor x 1

Foam Pad x 1

Mounting Screws x 2

User Manual x 1

PIR Sensor

Base

Reset button

Technical Specifications

Model Number: 20707/06
Supply voltage: 230/240V AC 50Hz
Time Duration: 10s to 10min via app
Timer restart: Time restarts after each subsequent detection
Detection Method: PIR (Passive Infra-Red) Adjustable Lux and Sensitivity
Range: 18m by 110° via app
Operating temp: –5 to 45˚C
Max load: 2000W incandescent, 600W fluorescent 300W LED
Lux: Dark – Dusk – Daylight via app
Sensitivity: Low – Med – High via app
Mounting Plate: W:73 L:115
IP Rating: IP66
Insulation rating: Class II
TA: -5°C...+45°C
Material: UV resistant plastic housing
Base: Surface mounting base. Fits standard wall plates
Weight of product: 0.265kg
Warranty: 5 year
Security: Mac Encryption; WEP/WAPI/TKIP/AES
WiFi Standard: IEEE802.11b/g/n
System Req's: iOS 8.0 or higher, Android 4.1 or higher

Installation

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

MUST BE INSTALLED BY A LICENSED ELECTRICIAN.

IMPORTANT SAFETY ISSUES

For the best performance we suggest you take into account the following:

• Do not face sensor towards direct sunlight.

• The detection efficiency is substantially lower when the movement is directly towards or away from the sensor.

• Best performance is achieved when the movement is **across** the detection area of the sensor.

• To avoid flickering and/or interference with other electronic/electrical equipment it is suggested to wire the security light into its own circuit with its own switch.

• The recommended mounting height is 2.5m.

• To avoid false activation, the sensor should be directed away from heat sources such as barbecues, flue vents, air-conditioners, other light fittings, moving objects, cars etc.

• Keep the sensor away from strong electromagnetic fields.

• Do not install on surfaces which can move or vibrate.

• Do not face sensor towards reflective surfaces such as tiles, smooth white walls, swimming pools, etc.

• The sensor range is approximately 110°x18m. This may vary slightly depending on the mounting height and the temperature.
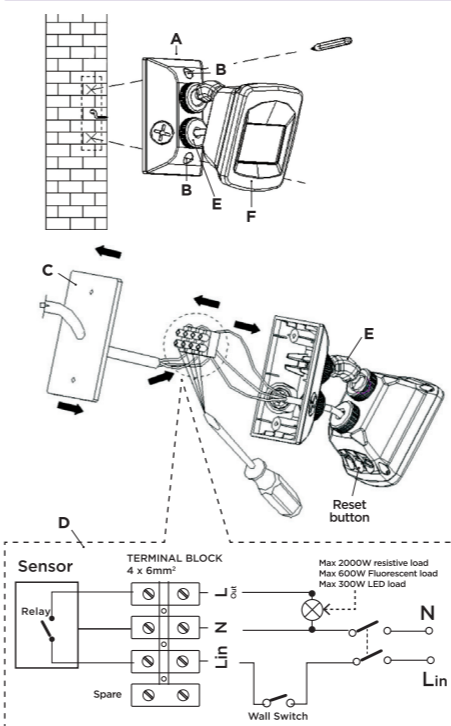
NOTE: For best performance install at about 2.5 metres.

1. Ensure the mains supply is switched 'OFF'.

2. Unpack the fixture carefully and dispose of the packaging material thoughtfully.

3. NOTE: The fitting must be wired to its own isolating wall switch.

4. Drill two holes in the wall using the mounting holes **'B'** on the base **'A'** as a template.

5. Note: exercise caution to avoid drilling into existing electrical wiring.

6. Feed cables through the wall and weatherproof holes as appropriate. Pierce a hole in the foam plate **'C'** with a screwdriver and pass the mains cable(s) through.

7. Connect the Live **(Lin)** Neutral **(N)** and switched active (Lout) according to the markings on the terminal block **'D'**.

8. Use screws and suitable fixture system to secure the sensor base **'A'** to the wall securely. Tighten them firmly.

9. Apply silicone if required around the base plate to maintain IP rating.

10. Loosen locking nut(s) **'E'** on the back of the sensor and on the mounting base and angle sensor **'F'** into desired direction, then re-tighten the locking nuts **'E'** firmly. Note that reset button on the sensor **'F'** must always face downwards.

11. Reconnect the mains supply.

12. Turn on the sensor.

Installation

A

B

E

F

B

C

D

E

Reset button

Sensor

Relay

Spare

TERMINAL BLOCK
4 x 6mm²

Lout

N

Lin

Max 2000W resistive load
Max 600W Fluorescent load
Max 300W LED load

N

Lin

Wall Switch

Connect to your WiFi

Ensure your mobile phone is connected to your 2.4GHz WiFi network.

Your mobile phone and your smart device needs to be within good signal strength range of your WiFi router.

Download the BrilliantSmart App

Please download the free BrilliantSmart app from the App store or Google Play store, or scan the QR code below.
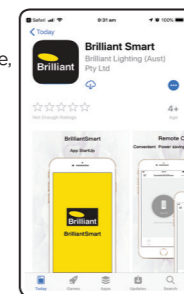
## Register the BrilliantSmart App

Open the BrilliantSmart app.

For new users, register a new account or if existing user, login with your user name and password.

Configure your BrilliantSmart App

Setting up your Home
You can setup multiple homes or locations. Click **'Add Home'** button. Or Click on **'Home'** top left if you are adding or modifying details then **'Home Management'** to setup your home(s), add or rename rooms and share devices.
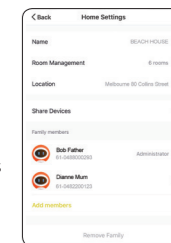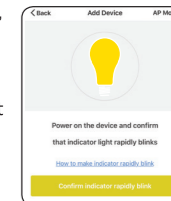

Add your Smart Device to your App

1. On initial power-on, the smart Boxer Sensor red indicator will begin blinking and be ready to pair. *(If smart device does not automatically start blinking, press the re-set button for about 10 seconds, then it starts to blink.)*

2. Open the BrilliantSmart App, tap **'Add Device'** (if empty room) or '+' to add your smart security light.

3. Select **'Connector'** in the list of devices. If red indicator is blinking then press **'Confirm indicator rapidly blink'.**