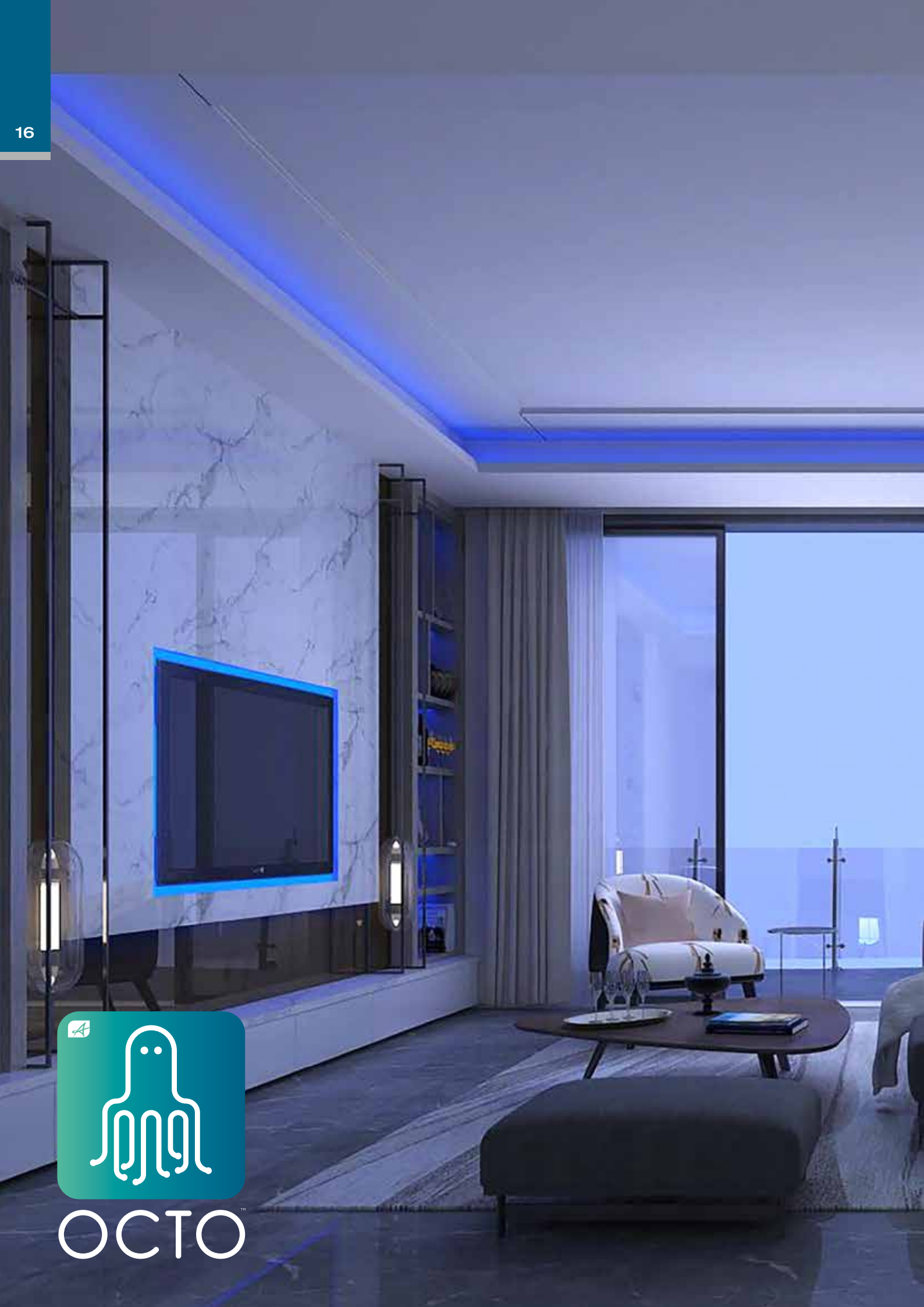

OCTO™

Connected Lighting

Project

Private Residential
- London, UK

OCTO WiZ Venom p33
Strip Kit

OCTO WiZ GU10 p27
Tunable White Lamp

Connected Lighting Service

OCTO is Ansell's premier connected lighting service providing our customers with tailored and personalised solutions. We do not believe that there is one connected technology that fits all. OCTO supports your smart lighting installation from initial project scope and planning, to lighting design, install, commissioning and aftercare.

The OCTO service ensures that we support you in implementing the best, connected solution for your projects using our 'multi-option technology' approach. With a range of products in our portfolio, we have carefully selected partners and scrutinised world-class technologies to ensure we offer you an industry-leading service.

We can support a range of requirements, from residential applications requiring voice control, commercial buildings that prioritise energy saving and support employee wellbeing, to a warehouse that requires space optimisation and efficiency dashboard data ... and much more!

With our continuous research, development and innovation, OCTO is constantly evolving to ensure we can offer revolutionary, forward thinking solutions for all our customers.

OCTO

WiZ CONNECTED

WiZ Connected is the perfect solution for residential smart lighting

CASAMBI

Casambi systems are the ideal solution for many high end residential, commercial and industrial applications

Certified Smart Lighting Training

Attend a connected lighting training session

Attend one of our introductory training sessions to learn more about the fantastic benefits of OCTO connected solutions. Complete the training online or at one of our training sessions. We have training facilities situated across the UK. Visit the website for more information.

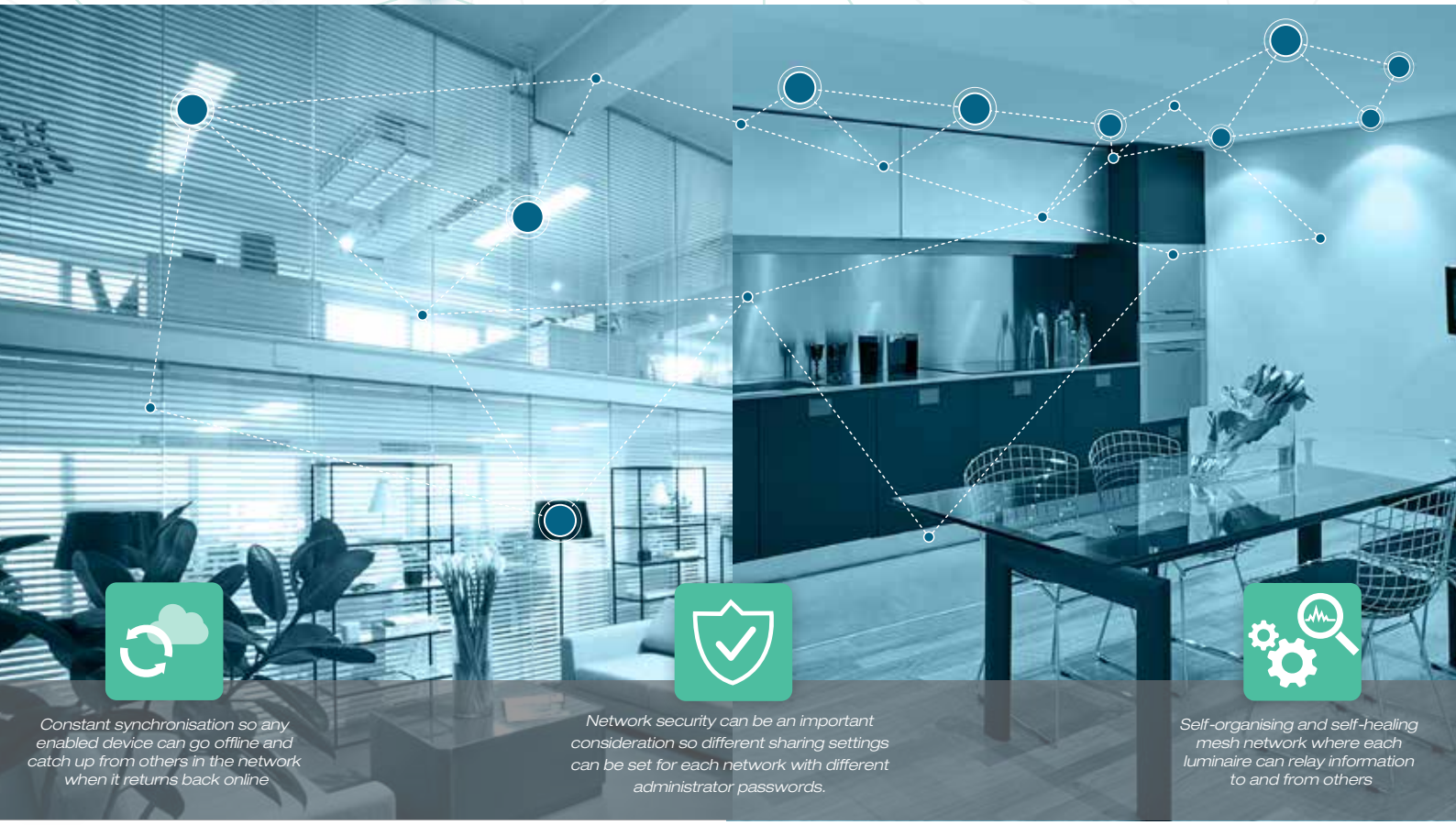
Looking for CPD? Ansell also offers a CPD smart lighting course. Looking to understand the fundamentals of smart lighting and gain valuable CPD hours at the same time? We have an LIA accredited CPD course that teaches you all about the fundamentals of smart lighting.

We also have OCTO webinars available to watch any time on our YouTube channel.

Visit the Ansell Lighting channel to find out more

/OCTO - *Smart control*

Look out for the new /OCTO option in our catalogue. This allows a number of luminaires to be OCTO ready with the change of a driver and no need for the OCTO controller.
please see products listing on page 64
OCTO forms a proprietary mesh network where all system intelligence is replicated in each device, creating a network with no single points of failure.



Constant synchronisation so any enabled device can go offline and catch up from others in the network when it returns back online

Network security can be an important consideration so different sharing settings can be set for each network with different administrator passwords.

Self-organising and self-healing mesh network where each luminaire can relay information to and from others

Pairing and Networks

Pairing:
OCTO App will automatically find all OCTO enabled luminaires that are switched on

Grouping:
Control luminaires in a group together or as individual fittings

Scenes:
Lighting scenes and schedules create the perfect ambience for different occasions and needs

Network:
The established network is a mesh network, a mesh network does not have a central resource or point of failure.

Presence and Absence Detection

OCTO provides professional level control coupled with easy, intuitive commissioning. Functionality such as presence and absence detection - which reduces the amount of time the light is on. This can be set up effortlessly through the OCTO by Casambi App.

Absence Detection (Commercial)

Absence Detection (Domestic)

Upon entering a room the person switches on the light as normal, but on leaving the detector switches off the lighting automatically. Lights can also be switched off manually

Presence Detection (Commercial)

Presence Detection (Domestic)

Detectors will switch on lighting automatically when a person enters the room and switches off lighting automatically when no movement is detected

Daylight Harvesting

Daylight harvesting systems allow buildings to maximise natural lighting in the home/workplace, thereby reducing and increasing the artificial lighting as and when needed providing reduced energy consumption.

OCTO Smart PIR sensors can be used for Daylight harvesting to maximise energy savings

- Multi-tier hierarchy settings for intelligent interoperation of both manual and automated control.
- Accurately times override ON or OFF
- Active or passive PIR occupancy switching
- Automatic daylight savings time (BST) correction with offset adjustment
- Automatic sunrise / sunset prediction. This feature can be remotely adjusted via the OCTO App.

- Multi-tier hierarchy settings for intelligent interoperation of both manual and automated control.
- Accurately timed override ON or OFF
- Active or passive PIR occupancy switching
- Automatic daylight savings time (BST) correction with offset adjustment
- Automatic sunrise / sunset prediction. This feature can be remotely adjusted via the OCTO App.
- LED indicator for presence recognition within its detection range (can be turned off).

Circadian Rhythm in lighting

When designing a space for optimum productivity, it is not uncommon to focus on the colours of the walls and the layout of the building, but lighting has the potential to help a persons natural circadian rhythm. The right lighting changes (in the right place and at the right time) can potentially result in people who are more focused and productive during the day and experience fewer sleep disturbances at night.

Waking Up: The Energy of Natural Light

Gradual changes in lighting intensity, colour spectrum and temperature (that mimic the changing sky during sunrise) may help maximise feelings of alertness when a person is first awake.

Focusing: The Power of Cool Light

Individuals exposed to cooler lights can feel alert, more productive and perform better on tests. Cooler lighting can help workers focus while in the office, whether they are working on computers, taking client calls or collaborating on intensive projects.

Winding Down: Warm Light and Creativity

This could be an optimal time to use lighting to help people solve creative challenges. Warm lighting can promote creativity during project meetings or client pitches and support problem solving as people think through complex challenges.

OCTO WiZ

Key Features...

- Enjoy seamless pairing using the OCTO WiZ Connected WiFi and Bluetooth hybrid technology solution.
- Select how you control your lights, with your smartphone, remote, motion sensors, existing wall switches or even your voice as options!
- Control your lights when you are home or away.
- Improve your wellbeing with Human Centric Lighting using the OCTO WiZ Connected 'Circadian Rhythm', featuring pre-set smooth light transitions or personalise with the 'My Rhythm' features.
- Utilise schedules to automate your OCTO WiZ Connected lights to fit your daily routines and save energy costs.
- Harness the power of other major connected ecosystems with easy integrations through the WiZ cloud.
- Protect your personal security via anonymous sign in and encrypted cloud connections.

**** OCTO WiZ Connected is not compatible with any OCTO Casambi products****

OCTO - *WiZ Connected*

Mobile App

Voice Control

Scenes

Integrations

Schedules

Holiday mode

Multiple Locations

Turn your lights on in your home from your office and vice versa. You can even control your WiZ locations from as far away as the moon. As long as you have got access to the WiZ Cloud (via WiFi or mobile data) you can do what you want to do with your lights – even when you are not physically there.

No Hub Needed

Each WiZ light has its own brain – a 32-bit MCU chip with WiFi – for smarter automation, as our lights are directly, constantly and reliably connected to the cloud for up-to-date preferences and settings without any dependency on a hub or bridge.

Multiple Users

We have a powerful multi-user system with three different access right tiers over multiple WiZ locations:

- Owners can change settings and control the lights in all their WiZ locations – using internet connectivity or mobile data.
- Guests can enjoy control over lights when they are on the same Wifi network as the OCTO WIZ Connected home they want to control – but they will not be allowed to change any settings.
- Temporary guests have the same permissions as ordinary guests but they will lose access after a certain time period that you get to set for them – each one can be different!

64,000 WHITES

Preset light modes

16 million COLOURS

Preset Dynamic light modes

Advanced Voice Control

works with Hey Google

WORKS WITH alexa

Works with Siri Shortcuts

Works seamlessly with voice assistants such as Hey Google, Amazon Alexa and Apple Siri Shortcuts

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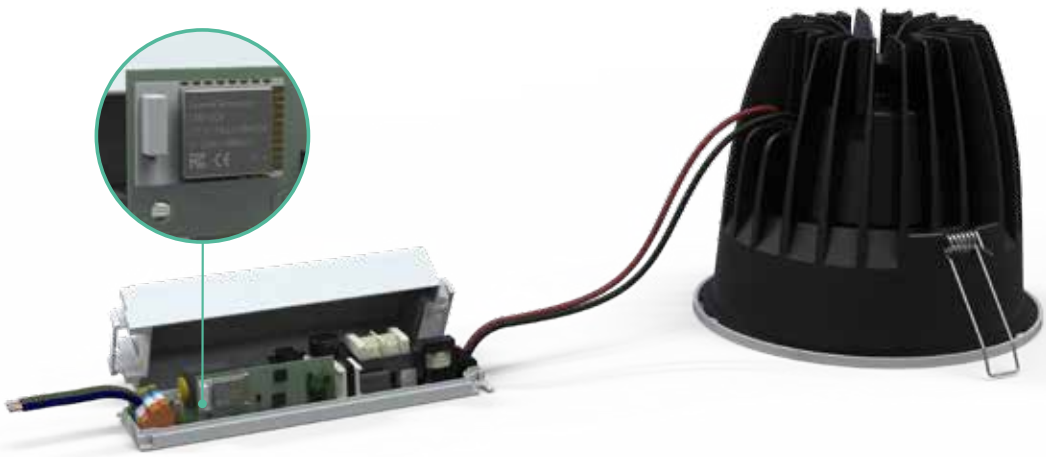
OCTO
CASAMBI
Enabled

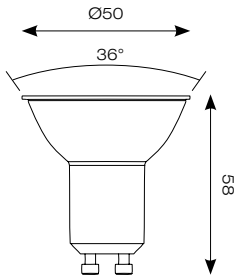


Designed to Deliver...

OCTO WiZ Smart GU10 LED Tunable White Lamp

Voice Control

- Bluetooth and Wifi enabled smart lamp; no need for Wifi hub
- Commissioned via WiZ App
- Voice activated compatibility; offers hands-free controls, perfect for domestic and commercial properties
- Exceeds performance of 35W GU10 halogen
- Fully dimmable from 10% to 100%
- Tunable white between 2700K - 6500K
- Group, scene, holiday and timer settings achieved via WiZ App
- Suitable for any GU10 compatible product – Please check lamp size to ensure compatibility
- Lamp lifespan 25,000 hours



Tunable White

LED Information

Total (Watts)	4.9W
Lumens Delivered	400lm
CRI	Ra 90
CCT	2700-6500K
Input	220/240V
Hertz	50/60Hz
Operating Temp	-20°C - 45°C

Code	Lamp	Description	Trade
AOCTOW/GU10LED/TW	GU10	4.9W - LED Tunable White	**£22.50**

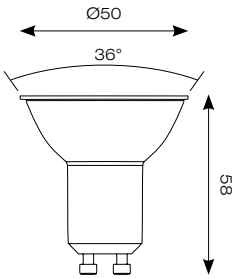
Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

OCTO WiZ Smart GU10 LED RGBTW Lamp

3YR

Voice Control

- Bluetooth and Wifi enabled smart lamp; no need for Wifi hub
- Commissioned via WiZ App
- Voice activated compatibility; offers hands-free controls, perfect for domestic and commercial properties
- RGB and Tunable white for total colour and comfort
- Fully dimmable from 10% to 100%
- Exceeds performance of 35W GU10 halogen
- Group, scene, holiday and timer settings achieved via WiZ App
- Suitable for any GU10 compatible product – Please check lamp size to ensure compatibility
- Lamp lifespan 25,000 hours



RGBTW

LED Information

Total (Watts)	4.9W
Lumens Delivered	400lm
CRI	Ra 90
CCT	2200-6500K (RGB)
Input	220/240V
Hertz	50/60Hz
Operating Temp	-20°C - 45°C

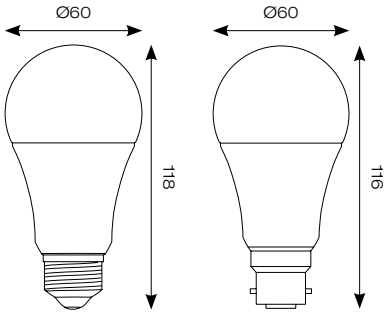
IP20

Code	Lamp	Description	Trade
AOCTOW/GU10LED/RGBTW	GU10	4.9W - LED Tunable White	**£27.00**

OCTO WiZ A60 Tuneable White Smart Lamp

Voice Control

- Bluetooth and Wifi enabled smart lamp; no need for Wifi hub
- Commissioned via WiZ App
- Voice activated compatibility; offers hands-free controls, perfect for domestic and commercial properties
- A60 is comparable with 60W incandescent lamp
- Fully dimmable from 10% to 100%
- Tunable white between 2700K - 6500K
- E27 and B22 base options available
- Group, scene, holiday and timer settings achieved via WiZ App
- Suitable for indoor applications in dry rooms, professional use in public buildings and outdoor use in specially shielded luminaires
- Lamp lifespan 25,000 hours



Tunable White

Lamp Information

Total (Watts)	8W
Lumens Delivered	806lm
CRI	Ra 90
CCT	2700-6500K
Input	220/240V
Hertz	50/60Hz
Operating Temp	-20°C - 45°C

Code	Lamp	Description	Trade
AOCTOW/A60LED/TW/E27	E27	8W - LED Tunable White - E27	**£40.00**
AOCTOW/A60LED/TW/B22	B22	8W - LED Tunable White - B22	**£40.00**

OCTO WiZ A60 RGBTW Smart Lamp

3YR

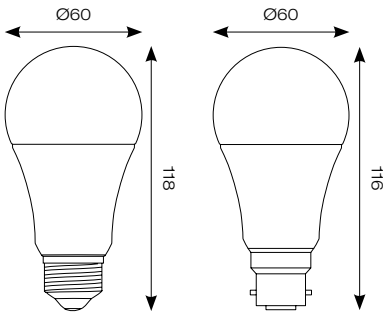
Voice Control

OCTO

WiZ CONNECTED

RGBTW

- Bluetooth and Wifi enabled smart lamp; no need for Wifi hub
- Commissioned via WiZ App
- Voice activated compatibility; offers hands-free controls, perfect for domestic and commercial properties
- RGB and Tunable white for total colour and comfort
- A60 is comparable with 60W incandescent lamp
- Fully dimmable from 10% to 100%
- E27 and B22 base options available
- Comparable output to a 60W tungsten halogen
- Group, scene, holiday and timer settings achieved via WiZ App
- Suitable for indoor applications in dry rooms, professional use in public buildings and outdoor use in specially shielded luminaires
- Lamp lifespan 25,000 hours



Code	Lamp	Description	Trade
AOCTOW/A60LED/RGBTW/E27	E27	8W - LED RGBTW - E27	**£50.00**
AOCTOW/A60LED/RGBTW/B22	B22	8W - LED RGBTW - B22	**£50.00**

Lamp Information

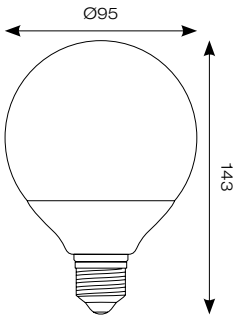
Total (Watts)	8W
Lumens Delivered	806lm
CRI	Ra 90
CCT	2700-6500K (RGB)
Input	220/240V
Hertz	50/60Hz
Operating Temp	-20°C - 45°C

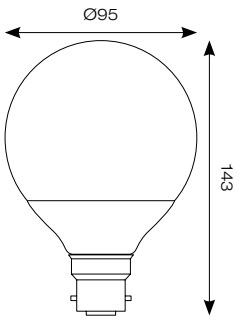
UK CA CE IP20

OCTO WiZ G95 RGBTW Smart Lamp

Voice Control

- Bluetooth and Wifi enabled smart lamp; no need for Wifi hub
- Commissioned via WiZ App
- Voice activated compatibility; offers hands-free controls, perfect for domestic and commercial properties
- G95 is comparable with 75W incandescent lamp
- RGB and Tunable white for total colour and comfort
- Fully dimmable from 10% to 100%
- E27 and B22 base options available
- Group, scene, holiday and timer settings achieved via WiZ App
- Suitable for indoor applications in dry rooms, professional use in public buildings and outdoor use in specially shielded luminaires
- Lamp lifespan 25,000 hours





Lamp Information

Total (Watts)	11W
Lumens Delivered	1055lm
CRI	Ra 90
CCT	2200-6500K (RGB)
Input	220/240V
Hertz	50/60Hz
Operating Temp	-20°C - 45°C

Code	Lamp	Description	Trade
AOCTOW/G95LED/RGBTW/E27	E27	11W - LED RGBTW - E27	**£60.00**
AOCTOW/G95LED/RGBTW/B22	B22	11W - LED RGBTW - B22	**£60.00**

Project - St Helens RFC
St. Helens, UK

OCTO WiZ Venom RGBW Flexible LED Strip Kit

Voice Control

- Bluetooth and Wifi enabled smart flexible LED strip kit; no need for Wifi hub
- Commissioned via WiZ App
- Voice activated compatibility; offers hands-free controls, perfect for domestic and commercial properties
- RGB and Tunable white for total colour and comfort
- Fully dimmable from 10% to 100%
- 2m starter kit with additional 2m extender kit options available (up to 10m maximum total LED strip length)
- Cutting points every 200mm (only if required)
- Group, scene, holiday and timer settings achieved via WiZ App
- Suitable for indoor applications
- LED lifespan 25,000 hours

Lamp Information

Total (Watts)	30W
Lumens Delivered	2000lm
CRI	Ra 85
CCT	2700-6500K (RGB)
Input Strip Kit	220/240V
Input Extention Kit	24VDC
Operating Temp	-10°C - 45°C

IP20

Code	Lamp	Description	Trade
AOCTOW/VENOM/KIT/RGBTW	LED	RGBTW Flexible LED Strip Kit 2m	**£180.00**
AOCTOW/VENOM/EXT/RGBTW	LED	RGBTW Flexible LED Strip Extension Kit 2m	**£110.00**

Prism Pro LED Wiz FRD

Supplied c/w Remote Driver

5YR | 30, 60, 90 | PART C | PART E | PART L | Voice Control

PRISM FRD PRO

Tunable White

OCTO

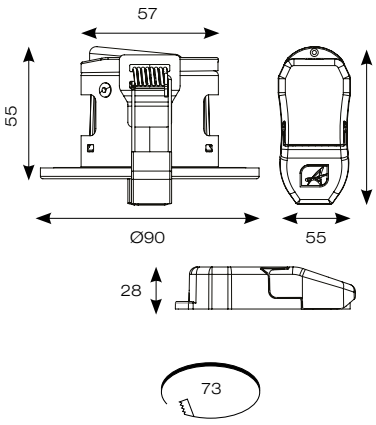
WiZ CONNECTED

Easy wiring access

Matt White Bezel fitted as standard

	Code	Lamp	Description	Trade
	APRILEDP/OCTOW	LED	8W - Tunable White	**£81.00**
Trim Bezels	**APRILEDPBZ/CH**		Chrome Trim Bezel	**£3.70**
	APRILEDPBZ/SC		Satin Chrome Trim Bezel	**£3.70**
	APRILEDPBZ/BLK		Matt Black Trim Bezel	**£3.70**

- 220-240V IP65 dimmable LED WiZ enabled tunable white Fire Rated Downlight
- Supplied with matt white bezel as standard
- Tunable between 2700K - 6000K via Wiz App and voice control
- Remote driver with 2x1.5mm^2 + CPC loop-in, loop-out colour coded push fit piano terminals provide an easy and efficient installation
- Detachable LED driver for fast fix install
- Low profile design and remote driver allow installation into shallow ceiling voids
- Fully tested for 30, 60 and 90 minute ceiling types to meet Part B of Building Regulations
- Fully tested to meet Part C (moisture), Part E (acoustic) and Part L (energy) of Building Regulations
- Wide 60° beam angle for increased light distribution
- LED lifespan L70 60,000 hours



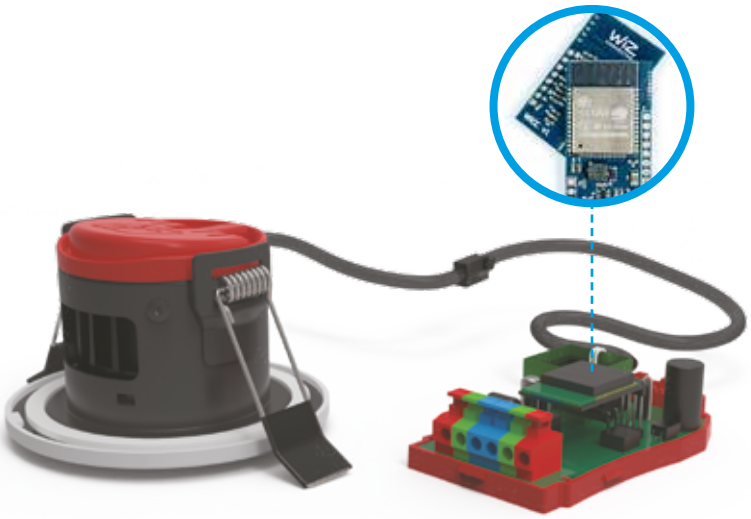
LED Information

Total (Watts)	8W
Lumens Delivered	
2700K◄►6000K	
573lm ◄►547lm	
Lm/W	
2700K◄►6000K	
82lm ◄►78lm	
Beam Angle	60°
CRI	Ra 80
CCT	Tunable White
Input	230V
Hertz	50/60Hz
Operating Temp	-5°C to 25°C

UK CA CE IP65

OCTO

WiZ CONNECTED



WiFi and Bluetooth

Two protocols for versatility with a range of accessories and commissioning. Added reliability if one protocol connection is lost the other will allow normal use.

Advance Voice Control

Full voice control with smart speakers and now with Google Assistant and Siri Shortcuts on iOS 12, have full control of your lights by talking to any smartphone.

No Hub Needed

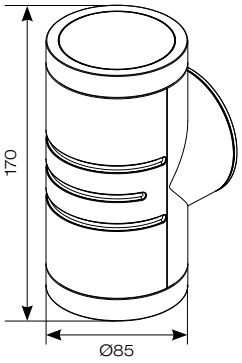
32-bit MCU chip provides smarter automation, as WiZ lighting is directly, constantly and reliably connected to the cloud there is no dependency on a hub or bridge.

Reef LED WiZ Bi-directional Wall Light

Supplied c/w Integral Driver

Voice Control

- Durable WiZ enabled outdoor bi-directional wall light
- Polycarbonate construction ideal for coastal applications
- Tunable between 2700K - 6500K via Wiz App and voice control
- Unique lockable installation base plate with push fit loop-in loop-out terminals for ease of installation
- LED lifespan L70 54,000 hours



Unique Click and Lock Mounting Bracket

1. Fix the detachable mounting plate to the wall and terminate the mains cable. Mount the housing onto the fixing place

2. Align the housing onto the mounting plate, twist into place and screw allen key to secure the fixture to the wall

LED Information

Total (Watts)	10W
Lumens Delivered 2700K◄►6500K 780lm◄►825lm	
Lm/W 2700K◄►6500K 78lm ◄► 82lm	
Beam Angle	90°
CRI	Ra 80
CCT	Tunable White
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 40°C

IP65

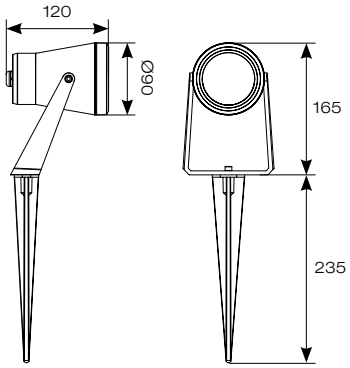
Code	Lamp	Description	Trade
AREELEDWL/OCTOW	LED	10W - Tunable White	**£84.00**

Garda LED WiZ

Supplied Less Lamp

Voice Control

- Dual purpose WiZ enabled garden spotlight supplied with wall mounting bracket and spike
- Create the ambience of your choice with 16 million colours, as well as warm to cool white light
- Polycarbonate construction suitable for coastal areas
- Pre-wired with 2 metres of rubber insulated cable
- LED lifespan L80 54,000 hours



Spike Fixing

Wall Mounting

LED Information

Total (Watts)	6.5W
Lumens Delivered	
2700K◄►6500K	
450lm◄►500lm	
Lm/W	
2700K◄►6500K	
69lm ◄► 77lm	
CRI	Ra 80
CCT	Tunable White
	RGBTW
Input	220/240V
Hertz	50Hz
Operating Temp	-20°C to 40°C

AGARLED/RGBTW/OCTOW
Red

AGARLED/RGBTW/OCTOW
Green

AGARLED/RGBTW/OCTOW
Blue

Code	Lamp	Description	Trade
AGARLED/RGBTW/OCTOW	LED	6.5W LED - RGBTW	**£104.00**

Gamma Mini LED WiZ

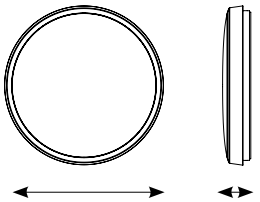
Supplied c/w Integral Driver

Voice Control

AMGAMLED/OCTOW

Chrome Trim Ring Fitted

- Ultra slim modern WiZ enabled polycarbonate wall/ceiling light
- Matt white finish to body and diffuser
- Rear fixing bracket and terminal housing for ease of installation
- Tunable between 2700K - 6500K via Wiz App and voice control
- Comparable performance to 28W TC-DD
- IP54 rating and suitable for bathroom use
- LED lifespan L70 54,000 hours
- Dimmable via WiZ App



Tunable White

Ultra slim profile

LED Information

Total (Watts)	10W
Lumens Delivered	
2700K ◂▸ 6500K	
750lm ◂▸ 830lm	
Lm/W	
2700K ◂▸ 6500K	
77lm ◂▸ 86lm	
CRI	Ra 80
CCT	Tunable White
Input	230V
Hertz	50Hz
Operating Temp	-5°C to 35°C

Code	Lamp	Description	Trade
AMGAMLED/OCTOW	LED	10W - Tunable White	**£84.50**

Gamma LED WiZ

Supplied c/w Integral Driver

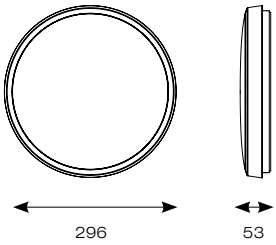
Voice Control

ZONE 2

3YR

- Ultra slim modern WiZ enabled polycarbonate wall/ceiling light
- Matt white finish to body and diffuser
- Rear fixing bracket and terminal housing for ease of installation
- Tunable between 2700K - 6500K via Wiz App and voice control
- Comparable performance to 38W TC-DD
- IP54 rating and suitable for bathroom use
- LED lifespan L70 54,000 hours
- Dimmable via WiZ App

AGAMLED/OCTOW



Chrome Trim Ring Fitted

LED Information

Total (Watts)	18W
Lumens Delivered 2700K◄►6500K 1500lm◄►1620lm	
Lm/W 2700K◄►6500K 82lm ◄►90lm	
CRI	Ra 80
CCT	Tunable White
Input	230V
Hertz	50Hz
Operating Temp	-5°C to 35°C

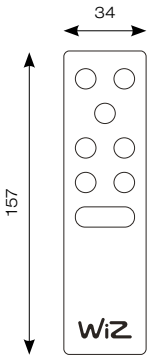
Ultra slim profile

Tunable White

Code	Lamp	Description	Trade
AGAMLED/OCTOW	LED	18W - Tunable White	**£141.00**

OCTO WiZ Smart Remote Control

- Multifunctional OCTO WiZ Smart remote control lets you have quick and easy control of your OCTO WiZ lights
- Simple and quick controls; on/off, dimming, night light and choose from four favourite scenes
- Compatible with all other OCTO WiZ devices as part of the OCTO ecosystem
- Range - Up to 15 metres



Code	Description	Trade
AOCTOW/RC	WiZ Smart Remote Control	**£21.85**

IP20

Complete Control

in one click

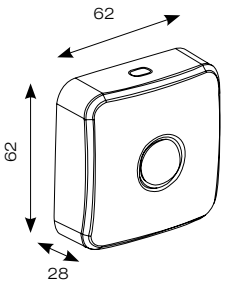
1 2 3 4

- Instant switching between Preset light modes and Preset Dynamic light modes

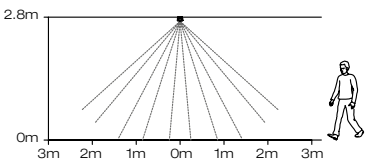
- Night Light Mode
- Dim lights up and down

OCTO WiZ Smart PIR Sensor

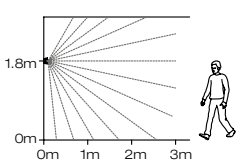
- Wifi enabled PIR sensor
- Compatible with all other OCTO WiZ devices as part of the OCTO ecosystem
- Infrared PIR detector and photocell
- Suitable for residential and commercial applications
- Detection range strength: 1) Strong detection zone i.e. person moving arm or walking towards PIR 2) Secondary detection zone i.e. person walking perpendicular to PIR
- 1 year battery (on assumption 50 actions per day, battery capacity 2800 mAh)
- Battery powered using 2 x AA batteries (not supplied)



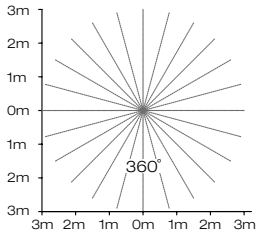
Ceiling Installation



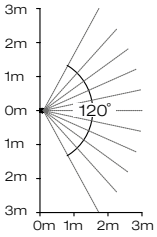
Wall Installation



Top View



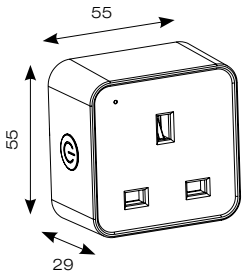
Top View



Code	Description	Trade
AOCTOW/PIR-S	WiZ Smart PIR Sensor	**£36.50**

OCTO WiZ Wireless Smart Plug

- Make any socket Smart with the OCTO WiZ smart plug
- Control your lights and electronic devices from anywhere
- 13A Rated
- Integrated manual on/off button
- Program schedules and timers via WiZ app
- Provides safety, security and energy saving benefits
- Voice control with Alexa, Google Assistant and Siri Shortcuts



Code	Description	Trade
AOCTOW/SP	WiZ Smart Plug	**£25.00**

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

OCTO Casambi
Key Features...

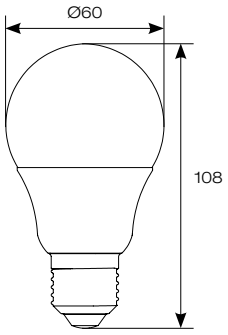
- Easy to use, wireless controllable lighting system
- Intuitive operation and set-up via a smart device
- No need for an external gateway device
- Automatically forms a fast-wireless mesh network
- Nearby OCTO powered by Casambi devices are clearly seen and added.
- Device firmware can be updated over the air
- Cloud services enhances user experience
- Smart lighting control switches can be easily added to the OCTO powered by Casambi system
- OCTO App is compatible with some key dimming and colour control commands for the Philips Hue system

**** OCTO Casambi is not compatible with any OCTO WiZ products****

OCTO Smart Lamp

- Bluetooth enabled smart lamp
- Commissioned via OCTO App
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- CCT control from 2200K to 6900K
- Fully dimmable from 1% to 100%
- Comparable output to a 60W Tungsten Halogen
- Group and scene settings achieved via OCTO App
- Suitable for indoor applications in dry rooms, professional use in public buildings and outdoor use in specially shielded luminaires
- LED lifespan L70 25,000 hours

CASAMBI Enabled



Lamp Information

Total (Watts)	8W
Lumens Delivered	560lm
Beam Angle	150°
CRI	Ra 95
CCT	2200-6900K
Input	220/240V
Hertz	50/60Hz

UK CA CE IP20

	Code	Lamp	Description	Trade
	AOCTOBTL/8W/E27	E27	8W - 2200K-6900K	**£88.50**
Accessory	**AOCTOBTL/ADAPTOR/B22**	E27 to B22 Adaptor		**£4.50**

OCTO Indoor Controller

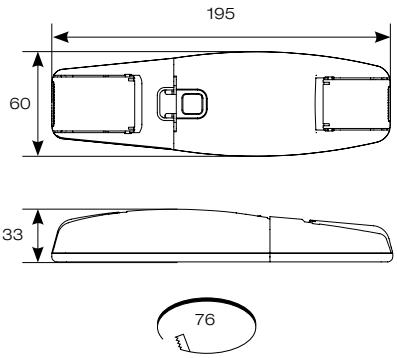
- Push-fit loop-in, loop-out terminals for ease and speed of installation
- Screw-less design
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Intuitive fast operation from a smart lighting App
- Future proofed free software and firmware updates
- Can be used to control a group, sub groups or individual luminaires
- Settings easily commissioned by a smart device
- App commissioning includes full control, dimming, scene setting and pre-set timer
- Bluetooth wireless mesh ensures reliable and fast operation. Range between devices:15m internal, 30m external**

NB
The indoor and outdoor OCTO Controllers are designed to operate Triac dimmable LED luminaires and LED light sources, however consideration must be given to PFC (Power Factor Correction) which can affect the final loading.
Please refer to instructions for further details.

Wiring Configuration

Installation Method

Powered by CASAMBI



	Code	Description	Trade
	AOCTO/IC/50	150W - Smart Controller	**£156.00**
	AOCTO/IC/200	200W - Smart Controller	**£202.00**

Output	150W
	200W
Input	220V-240V
Hertz	50/60Hz

** Range is dependent on surroundings and obstacles, such as walls and building materials. **

* Circuit 1 - OCTO indoor controller

- Allows full control of all fittings connected to the network
- Scene setting to create a fitting atmosphere
- Holiday mode settings
- Compatible with indoor wireless smart switch
- Easy installation / retrofit ready

1

2

1

* Circuit 2 - OCTO indoor controller

- Turn on/off, dim or *adjustable colour temperature
- Timer functionality with built in sunrise and sunset app setting
- Control from anywhere depending on Wi-Fi connection

Colour temperature may only be adjusted with compatible Smart Lamps/Luminaires

1 Circuit = 1 Controller

OCTO Indoor CCT/RGBW Controller

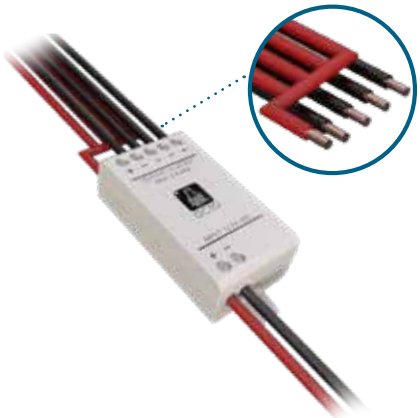
- 12-24V bluetooth smart controller
- Compatible with Krait, Boa, Adder and Cobra LED strip p228-p237
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Option to use externally within a waterproof enclosure
- Timed colour alert or changes for different daily events
- Initial start up provides the user with options for RGBW, RGB, Tunable White and single colour
- Shared/common positive output with 4 negatives outputs allow for 4 channel control
- App commissioning includes full control, dimming, scene setting and pre-set timer
- Settings easily commissioned by a smart device via the OCTO app
- Bluetooth wireless mesh ensures reliable and fast operation. Range between devices: 15m internal, 30m external**
- 12-24V constant voltage LED driver:
  - AD30W/12V
  - AD75W/12V
  - ADK15W/24V
  - ADK60W/24V
  - ADK120W/24V

Powered by CASAMBI

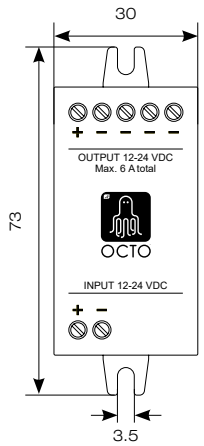
Wiring Configuration for RGB

12-24VDC
Power supply

Wiring Configuration for 1-4 Separate white channels



12-24VDC
Power supply



Max. Wattage	72W - 12V 144W - 24V
Output	6A Max.
Input	12-24VDC

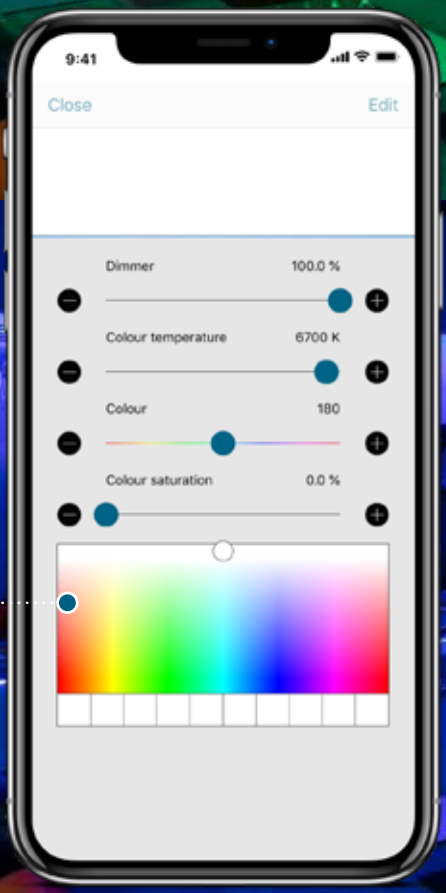
Code	Description	Trade
AOCTO/RGBW/BTC	12-24V Single CCT/RGBW Controller	**£222.00**

** Range is dependent on surroundings and obstacles, such as walls and building materials. **

1

1

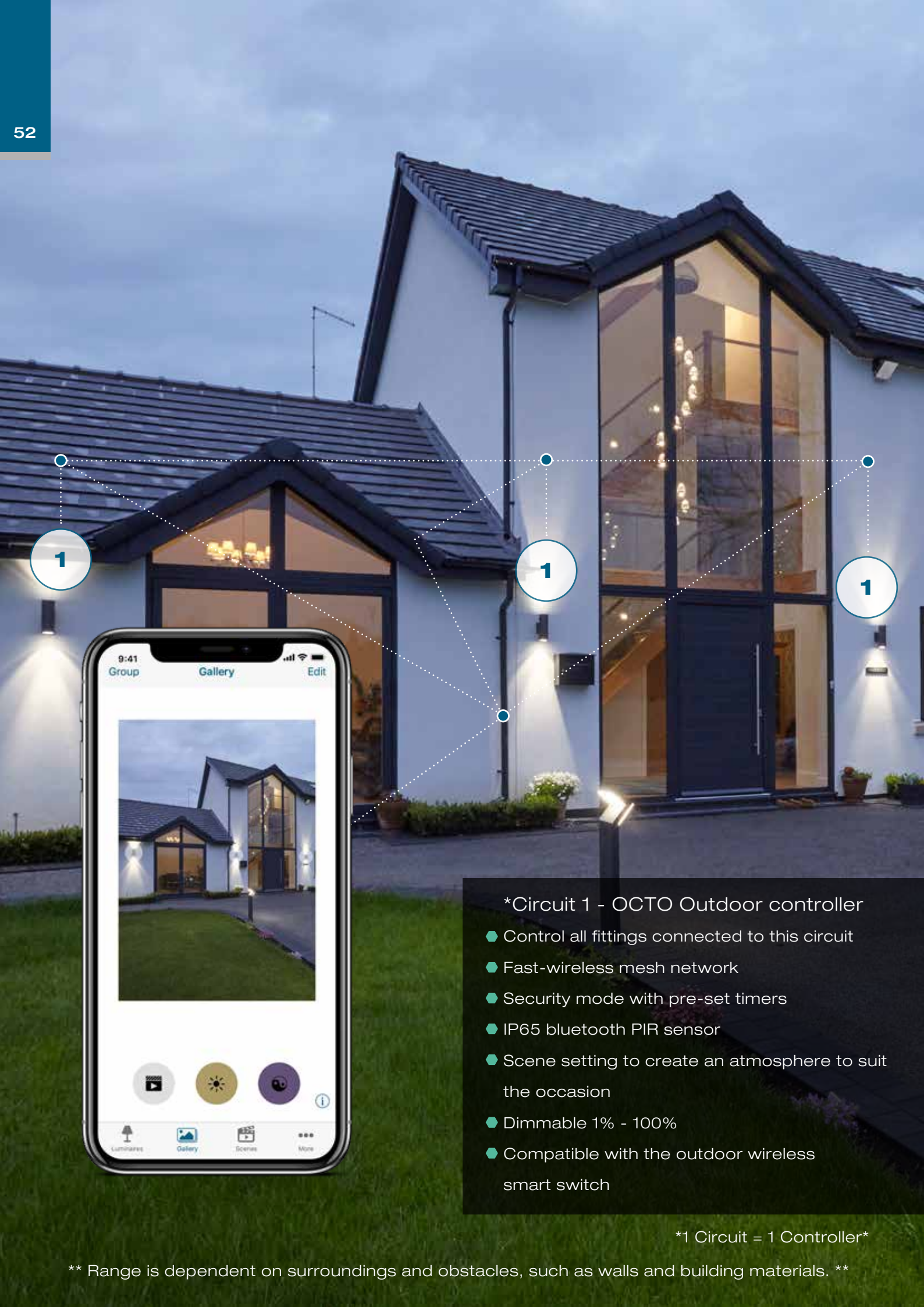
1



* Circuit 1 - OCTO indoor RGBW controller

- Scene setting to create a fitting atmosphere
- Compatible with all other bluetooth OCTO devices
- Easy installation / retrofit ready
- Full RGBW colour palette via app
- Wireless colour synchronisation

1 Circuit = 1 Controller



*Circuit 1 - OCTO Outdoor controller

- Control all fittings connected to this circuit
- Fast-wireless mesh network
- Security mode with pre-set timers
- IP65 bluetooth PIR sensor
- Scene setting to create an atmosphere to suit the occasion
- Dimmable 1% - 100%
- Compatible with the outdoor wireless smart switch

1 Circuit = 1 Controller

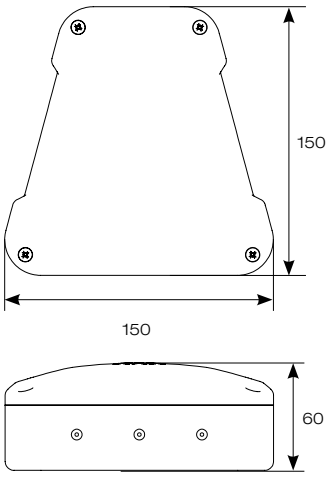
** Range is dependent on surroundings and obstacles, such as walls and building materials. **

OCTO Outdoor Controller

- Control outdoor lighting from smart device
- Heavy duty screw connections suitable for SWA / outdoor cable types
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Detachable connector block to aid connection of stronger cable types
- Waterproof with IP66 rating
- Robust polycarbonate casings for outdoor use. UV stabilised
- Intuitive fast operation from a smart app
- Can be used to control a group, sub groups or individual luminaires
- App commissioning includes full control, dimming, scene setting and pre-set timer
- Bluetooth wireless mesh ensures reliable and fast operation. Range between devices: 15m internal, 30m external**

NB
The indoor and outdoor OCTO Controllers are designed to operate Triac dimmable LED luminaires and LED light sources, however consideration must be given to PFC (Power Factor Correction) which can affect the final loading.
Please refer to instructions for further details.

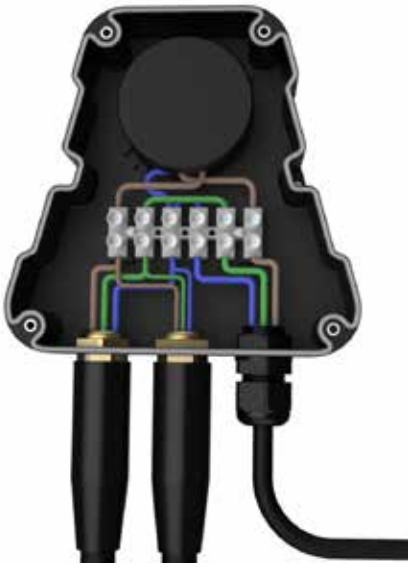
Powered by CASAMBI



Output	200W
Input	220V-240V
Hertz	50/60Hz

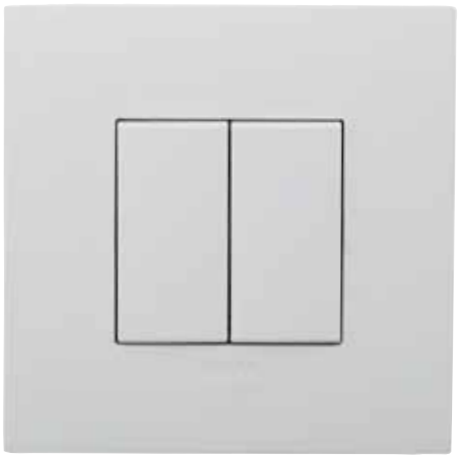
UK CA CE IP66

Wiring Configuration



Code	Description	Trade
AOCTO/OC/IP65/200	200W	**£236.00**

OCTO Indoor Wireless Architectural Smart Switch

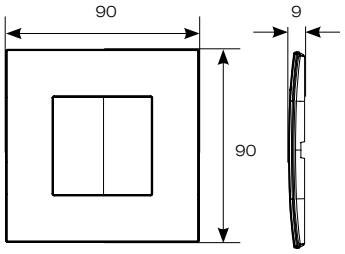


AOCTO/WS/W

AOCTO/WS/M

AOCTO/WS/B

- Double rocker wireless wall switch
- High grade technopolymer construction available in 3 finishes:- white, metallic and black
- Electro-dynamic energy generator, maintenance free
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Range - within one room up to 10 metres line of sight
- Double-sided mounting film enclosed screwing onto a flat surface
- Double rocker with medial position, pressed/released

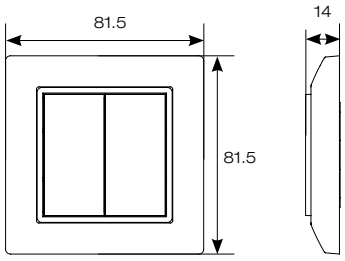


	Code	Description	Trade
	AOCTO/WS/W	Indoor Wireless Switch - White	**£205.00**
	AOCTO/WS/M	Indoor Wireless Switch - Metallic	**£205.00**
	AOCTO/WS/B	Indoor Wireless Switch - Black	**£205.00**

OCTO Indoor Wireless Smart Switch

- Double rocker wireless wall switch
- Electro-dynamic energy generator, maintenance free
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Range - within one room up to 10 metres line of sight
- Double-sided mounting film enclosed screwing onto a flat surface
- Double rocker with medial position, pressed/released

CASAMBI Enabled



AOCTO/BT/WS

UK CA CE IP20

Code	Description	Trade
AOCTO/BT/WS	Indoor Wireless Switch	**£134.00**

OCTO Indoor Wireless Xpress Smart Switch

AOCTO/XP/WS/B

AOCTO/XP/WS/W

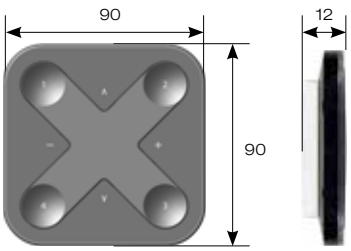
- Multifunctional 4 way bluetooth enabled smart switch
- Settings easily commissioned by a smart device via the OCTO app
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Integrated magnets ensure easy attachment to mounting bracket (mounting bracket supplied with switch)
- Range - within one room up to 30 metres line of sight

Corner illumination indicates which preset button is active

4 Corner Preset Buttons
Used to control a group, sub groups or individual luminaires, recall scenes and recall animations

Dimming Buttons
Multi-gesture up and down dimming buttons allow user complete control over light levels

Multipurpose Buttons
Additional multipurpose buttons allow user to alter the colour temperature or the indirect/direct light ratio (on applicable fittings only)

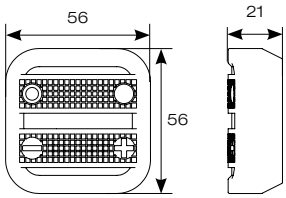


Code	Description	Trade
AOCTO/XP/WS/W	Indoor Wireless Switch - White	**£321.00**
AOCTO/XP/WS/B	Indoor Wireless Switch - Black	**£321.00**

OCTO IP65 Wireless Smart Switch

- Wireless soft outdoor remote control
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO eco-system
- Magneto-resistive power source
- Spill and shock resistant
- Advantages of a wireless system, no batteries required maintenance free
- Integrated magnet allows it to be stuck on any metallic area
- Range - 30 metres

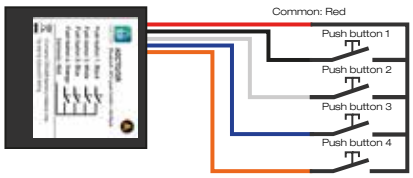
CASAMBI Enabled



UK CA CE IP65

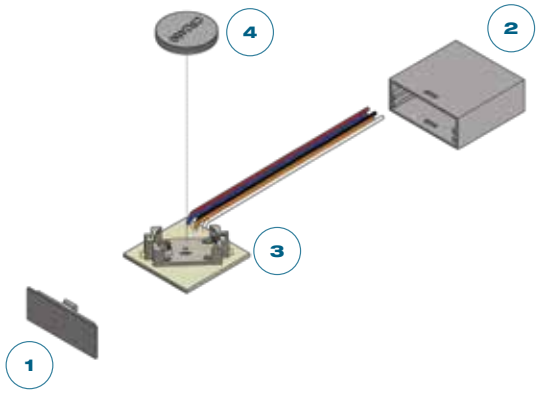
Code	Description	Trade
AOCTO/BT/WS/IP65	Outdoor Wireless Switch	**£86.50**

OCTO Wireless Push to Make Switch Interface



Connection Diagram

Wires connected to the external push buttons. We suggest to keep the wires long enough, so battery replacement is possible without disconnecting the push buttons



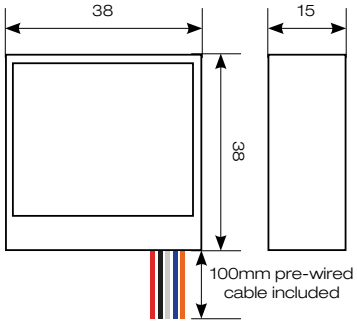
Battery Replacement

When battery indicator is showing a low level, a new battery will be needed. (Battery is available as spare part).

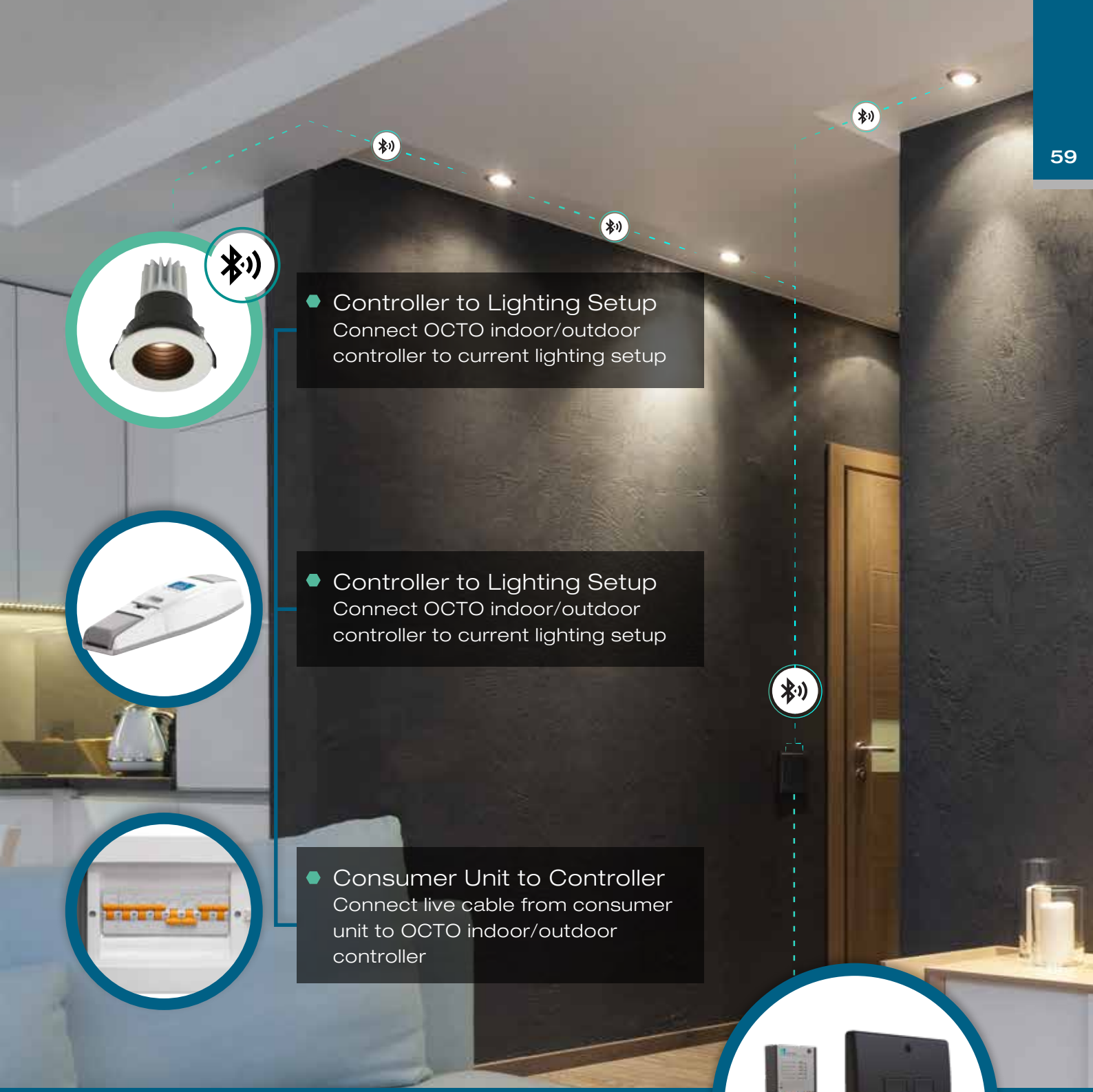
- Remove the cover (1) from the box (2).
- Pull out the PCB (3) slowly until the battery (4) can be removed.
- Replace battery and assure it is locked before sliding the PCB back in and putting the lit cover on.

- Bluetooth enabled smart 4 channel push to make switch interface
- Unit retrofits into existing push switch, making it smart enabled
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Slim 15mm profile suitable for installation into 35mm recessed pattress
- Pre-wired ensuring a fast and easy installation into pre-existing wall switch
- Compact housing allows installation into pre-existing wall box so no additional work is required
- 3V lithium battery operated negating the requirement for mains wiring
- Can be used to control a group, sub groups or individual luminaires on a 1-4 button push switch
- Settings easily commissioned by a smart device via the OCTO app

CASAMBI Enabled



Code	Description	Trade
AOCTO/SR	4 Channel Push to Make Switch Interface	**£231.00**



- **Controller to Lighting Setup**
  Connect OCTO indoor/outdoor controller to current lighting setup

- **Controller to Lighting Setup**
  Connect OCTO indoor/outdoor controller to current lighting setup

- **Consumer Unit to Controller**
  Connect live cable from consumer unit to OCTO indoor/outdoor controller

Turn your switches into

Smart Switches

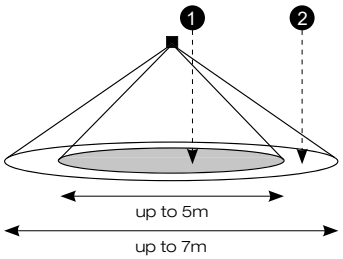
The 4 channel push to make switch interface retrofits into existing push switches, making them smart enabled (up to 4 gang push to make switches only). See above how the interface will integrate into your current switch setup.

OCTO Smart PIR Sensors

- Bluetooth enabled PIR sensors
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Infrared PIR dectector and photocell
- Suitable for residential and commercial applications
- Loop-in, loop-out internal connections for ease of installation
- Detection range strength: 1) Strong detection zone i.e. person moving arm or walking towards PIR 2) Secondary detection zone i.e. person walking perpendicular to PIR

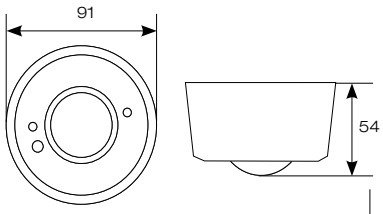
Indoor Surface PIR Sensor
AOCTO/BT/PIR-S

Indoor Recessed PIR Sensor
AOCTO/BT/PIR-R

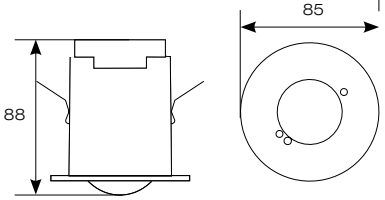


For optimum coverage recommended mounting height: 2.4m to 5m

CASAMBI Enabled



AOCTO/BT/PIR-S



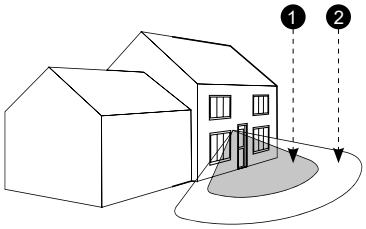
AOCTO/BT/PIR-R

Code	Description	Trade
AOCTO/BT/PIR-R	Smart Recessed PIR Sensor - White	**£212.00**
AOCTO/BT/PIR-S	Smart Surface PIR Sensor - White	**£266.00**

Input	230V
Hertz	50Hz

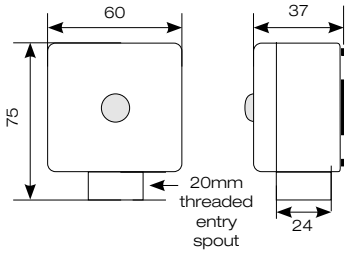
OCTO IP65 Smart PIR Sensor

- Bluetooth enabled PIR sensors
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Suitable for residential and commercial applications
- Infrared PIR dectector and photocell
- Detection range strength: 1) Strong detection zone(5m) i.e. person walking towards PIR 2) Secondary detection zone (10m, 8m) i.e. person walking perpendicular to PIR



For optimum coverage recommended mounting height: 1m to 2.2m

CASAMBI Enabled

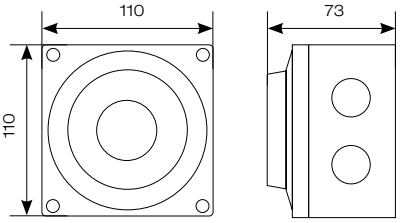


Input	230V
Hertz	50Hz

	Code	Description	Trade
	AOCTO/BT/PIR/IP65-S	Smart IP65 Surface PIR Sensor	**£293.00**

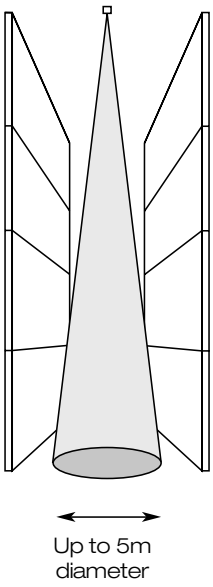
OCTO IP66 Smart High Bay Racking Aisle PIR Sensor

- Bluetooth enabled PIR sensor
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Infrared PIR dectector and photocell
- Suitable for industrial high bay racking aisle applications with high mounting points (up to 20 metres)
- Fast and easy commissioning via the Casambi app



CASAMBI Enabled

Mounting height up to 20m
Perspective view - ceiling mounted



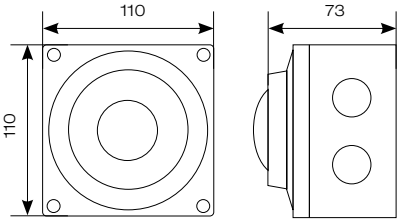
Up to 5m diameter

Code	Description	Trade
AOCTO/BT/PIR/IP66/HBSP	Smart IP66 High Bay PIR Sensor - Racking Aisle	**£346.00**

Input	220-240V
Hertz	50Hz
Operating temp	-20°C - 40°C

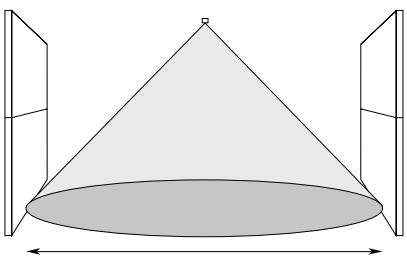
OCTO IP66 Smart High Bay Open Area PIR Sensor

- Bluetooth enabled PIR sensor
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Infrared PIR dectector and photocell
- Suitable for industrial high bay open area applications with high mounting points (up to 14 metres)
- Fast and easy commissioning via the Casambi app



CASAMBI Enabled

Mounting height up to 14m
Perspective view - ceiling mounted



Up to 28m diameter

Input	220-240V
Hertz	50Hz
Operating temp	-20°C - 40°C

Code	Description	Trade
AOCTO/BT/PIR/IP66/HBWD	Smart IP66 High Bay PIR Sensor - Open Area	**£346.00**

OCTO *Ready Products*

OCTO is an advanced lighting control solution based on Bluetooth Low Energy (BLE). OCTO devices are smart on their own. All the intelligence is replicated in each device, forming a secure, responsive wireless mesh network.

/OCTO OCTO Smart Control

90-92
Unity GC Pro LED
/OCTO Options

94-102
Unity LED
Downlight Range
/OCTO Options

104-106
Unity LED Square
Downlight Range
/OCTO Options

108-113
Unity LED
Wallwash Range
/OCTO Options

115-117
Recessed Adjustable
LED Downlight Range
/OCTO Options

118
Galaxy LED
/OCTO Options

120-125
Comfort LED Range
/OCTO Options

126-127
Vantage LED SMD
Downlight
/OCTO Options

139
Surface LED
Downlight Range
/OCTO Options

304
Mercury CCT LED
/OCTO Options

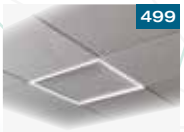
450
ForceLINE LED
/OCTO Options

456-458
LED Non-Corrosive
/OCTO Options

466
Airbeam LED Batten
/OCTO Options

467
Topline 6 LED Batten
/OCTO Options

495
Oxford LED
Surface Linear
/OCTO Options


499
Spektrum LED
CCT Frame
/OCTO Options

501-513
LED Recessed Panel
/OCTO Options

518
Lota LED CCT Troffer
/OCTO Options

520
Neptune LED
CCT Troffer
/OCTO Options

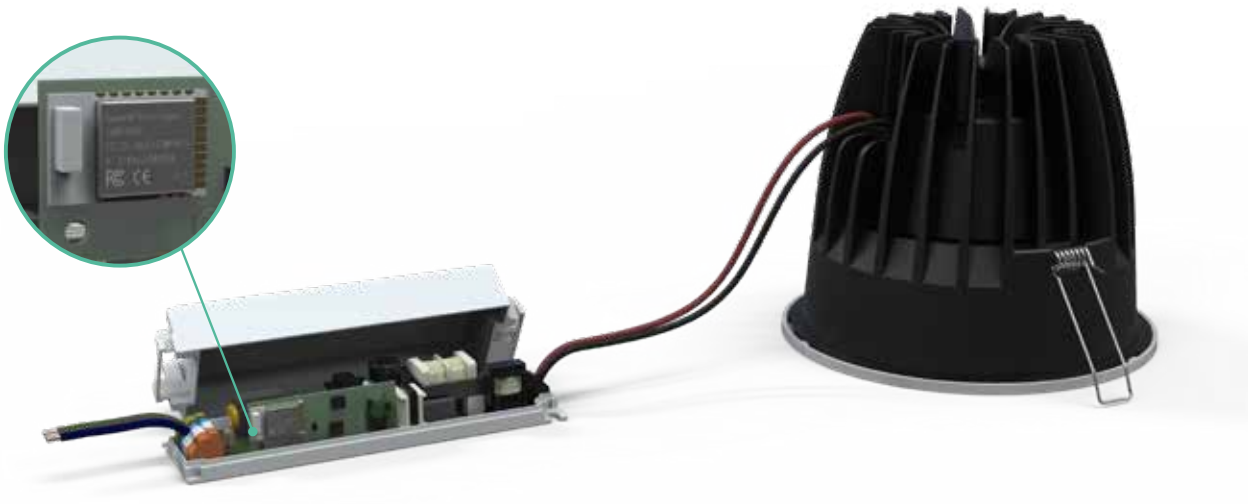
523
Juno LED Indirect
/OCTO Options

525
Venus LED Indirect
/OCTO Options

527
Pluto LED
/OCTO Options

OCTO Integrated

All listed products above come complete with LED drivers that have OCTO embedded into the circuit of the driver with control via our BLE system. This allows each luminaire to have individual or collective control via any given trigger such as switches, PIR's or scene settings that are within the same mesh network. Ideal for any given commercial / industrial application that requires wireless control and opens up the vast options and functionality available through the OCTO smart system.



/OCTO - Benefits

Specifier

Benefits for Specifier

- Simple configuration
- Define luminaire properties
- Allocate luminaire properties wirelessly

OCTO Guru/Master (Commissioning)

Benefits for Installer

- Commission, programme and control luminaires intuitively via the OCTO App
- Locate and assign luminaires wirelessly with ease
- Adapt the system quickly
- Quicker retrofit and new installation

Benefits for End User

- Simple updates
- Reduce power consumption
- Ensure multi-functional use for rooms
- Individual wireless light adjustments
- Individual operation for luminaires
- Simple graphic luminaire selection
- Intuitively adjust the light shade and intensity