



Nelson private residence

# Intelligent Lighting Control

## Smart lighting for modern living

Switch Lighting's Intelligent Controls transform modern living with innovative smart lighting solutions. These products seamlessly integrate into smart home automation systems, offering unparalleled convenience and energy efficiency. Experience the benefits of customisable lighting scenes, effortless remote control, and energy savings at your fingertips.

Designed and engineered by our team of electronics engineers at our Nelson HQ – our Switch Lighting intelligent control products are integrated with Casambi technology. The most robust, cost effective and future-proof wireless lighting control solution on the market.

Switch Lighting proudly partners with Casambi, a leader in modern wireless lighting control solutions based on Bluetooth Low Energy, granting our customers full access to the comprehensive Casambi Ready product ecosystem, enabling homeowners to establish a seamless and successful home automation system.

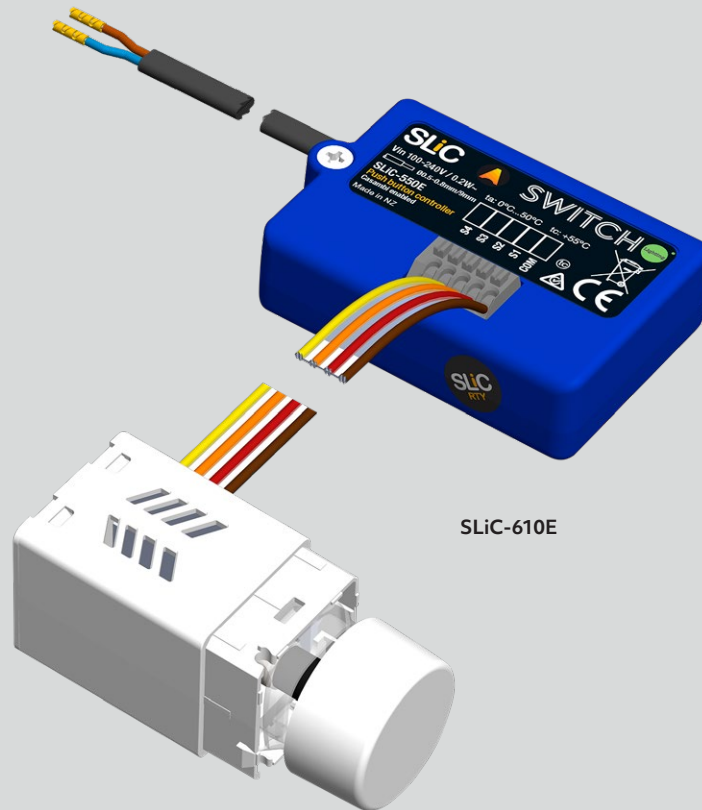
Switch Lighting's SLiC Push Button Controller effortlessly transforms an ordinary momentary switch into a smart switch, while the SLiC Evolution Driver seamlessly upgrades any luminaire into a smart lighting solution. The Rotary Controller functions as a rotary dimmer, colour tuning selector or scene selector, as well as an on/off push button.

With our smart solutions, you can elevate your home environment. Switch Lighting's Intelligent Controls is where innovation meets comfort.



# SLiC Rotary Controller

Casambi enabled | SLiC-610E



The SLiC-610E is a Casambi-enabled Bluetooth rotary controller, comprising a rotary encoder in a switch plate module and a SLiC-550E Casambi network adapter

- + Functions as a rotary dimmer, colour tuning selector or scene selector, as well as an on/off push button;
- + Perfect for new or retrofit installations – no additional wiring required;
- + Simple to install and commission;
- + Compatible with SLiC Luminaire Controllers and any Classic or Evolution Casambi-enabled product ([www.casambi.com](http://www.casambi.com));
- + Powered directly from AC supply (< 0.2W) 100-240VAC~ (50/60Hz);
- + Custom antenna design for superior range performance  
Range up to 100m in outdoor settings in normal mode;
- + Compatible with new Casambi Long Range modes for even greater range;
- + Compatible with standard switch plates, including: Legrand, HPM, Vynco;
- + Optional push button is compatible with most push button momentary switches or any dry-contact input.

The SLiC-550E Casambi Network adapter is installed behind the wall switch.

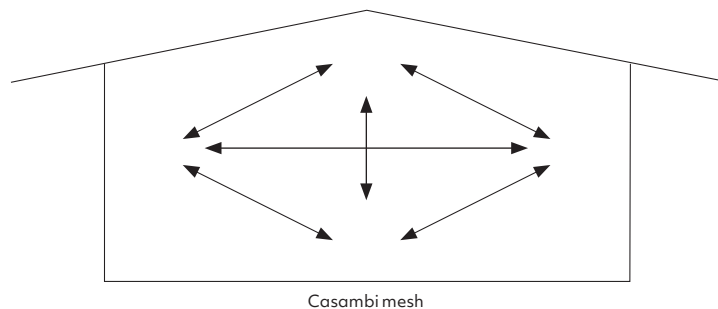


# SLiC Rotary Controller

**SLiC-610E**

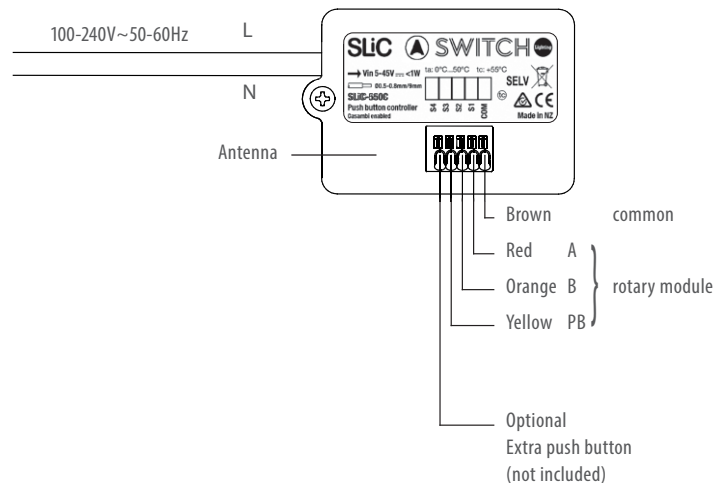
## Robust mesh network

The Casambi system forms an interconnected Bluetooth mesh – each unit acting independently and as a repeater. The signal distance between each unit is typically 15m but is influenced by surroundings and obstacles. Systems can be easily expanded with any additional Casambi-enabled units.



## Set-up and operation devices

To commission and operate the Casambi App for the SLiC Rotary Controller, use an iPhone / iPad with iOS 10 and later or Android 4.4 and later. Most Apple and Android phones/tablets are compatible.



## Product information

Parameter	Value
Input Voltage	100-240VAC 50-60 Hz
Power usage	<0.2W
Network Type	Casambi Classic / Evolution
Rotary	1 only
Push-buttons	1 optional
Rotary knob colour	white or black
Bluetooth Radio	2.4-2.48 GHz @ < +4dBm
Ambient temperature	0° to +50°C
IP Rating	IP20
Compliance	EN IEC 55015:2019+A11:2020, EN 61547:2009, EN IEC 61000-3-2:2019+A1:2021, AS CISPR 15:2017, AS CISPR 32:2015, AS/NZS 4268:2017, ETSI EN 300 328 V2.2.2 (2019-07), EN 62479:2010, ETSI EN 301 489-1 V2.2.3 (2019-11), ETSI EN 301 489-17 V3.2.4 (2020-09), IEC 60669-1:2017, IEC 60669-2-1:2002+A1:2008+A2:2015
Connector (optional push button)	0.4-0.8mm diameter solid wire
Max wire length to momentary switch	20m
Dimensions SLiC550E	61X42X21mm
Weight	46g


**SLiC-610E-W**

**SLiC-610E-B**

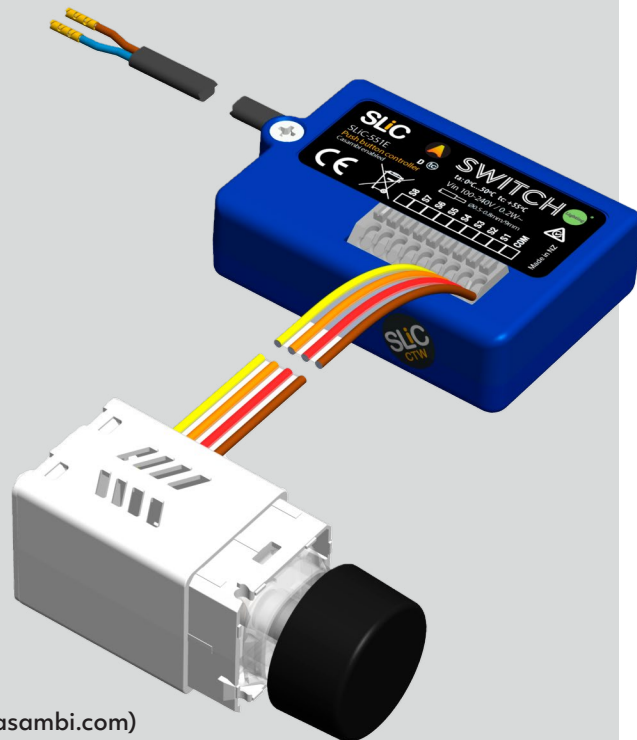
Please see [www.switch-lighting.co.nz](http://www.switch-lighting.co.nz) for full specifications, SDoCs and installation instructions.



**Warranty**  
5 years

# SLiC Rotary Controller

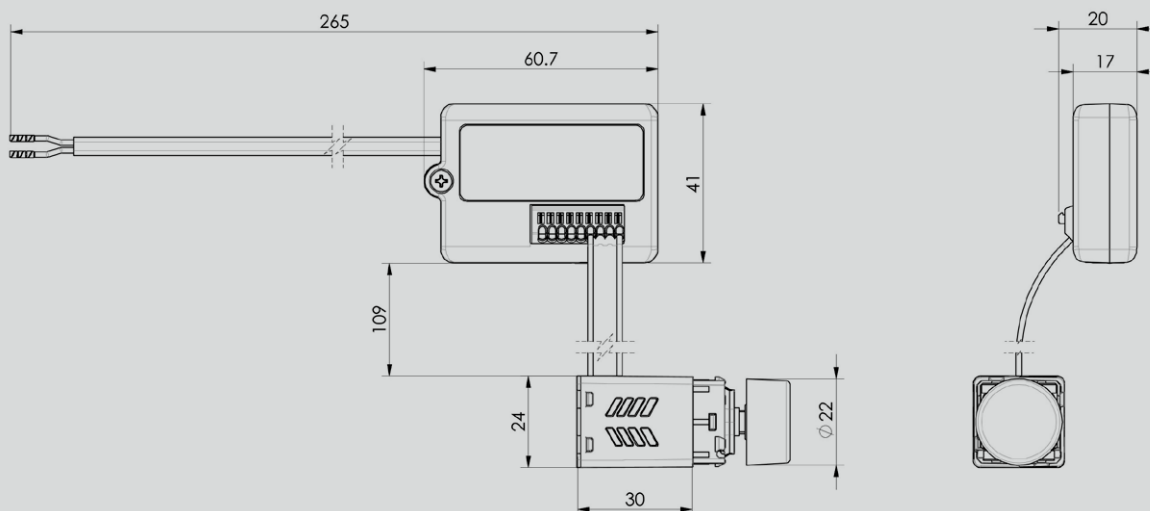
Casambi enabled | SLiC-611E



## Convert a wall switch into a smart lighting controller

- + Functions as a rotary dimmer, colour tuning selector or scene selector, as well as an on/off push button.
- + Perfect for new or retrofit installations – no additional wiring required.
- + Simple to install and commission.
- + Compatible with SLiC Luminaire Controllers and any Classic or Evolution Casambi-enabled product. ([www.casambi.com](http://www.casambi.com))
- + Powered directly from AC supply (< 0.2W) 100-240VAC~ (50/60Hz).
- + Custom antenna design for superior range performance. Range up to 100m in outdoor settings in normal mode.
- + Compatible with new Casambi Long Range modes for even greater range.
- + Compatible with standard switch plates, including: Legrand, HPM, Vynco.
- + Optional five push button inputs are compatible with most push button momentary switches or any dry contact.

The SLiC-611E push-button controller is installed behind the wall switch. It is wired to a maximum of 1 rotary controller and 5 push button momentary contact switches. Each connected SLiC unit can now be configured with the Casambi App to control lighting groups and scenes.





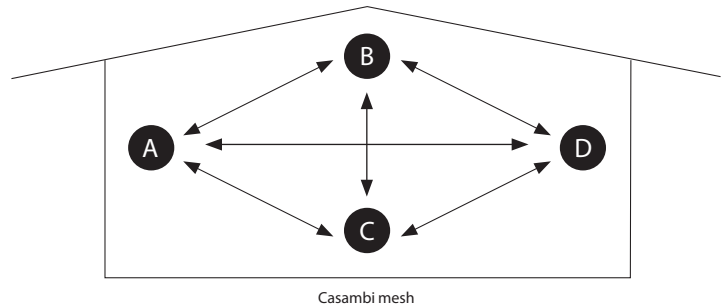
# SLiC Rotary Controller

SLiC-611E

## Robust mesh network

The Casambi system forms an interconnected mesh – each unit acting independently and as a repeater. The signal distance between each unit is typically 15m but is influenced by surroundings and obstacles.

Systems can be easily expanded with any additional Casambi-enabled units.



## Set-up and operation devices

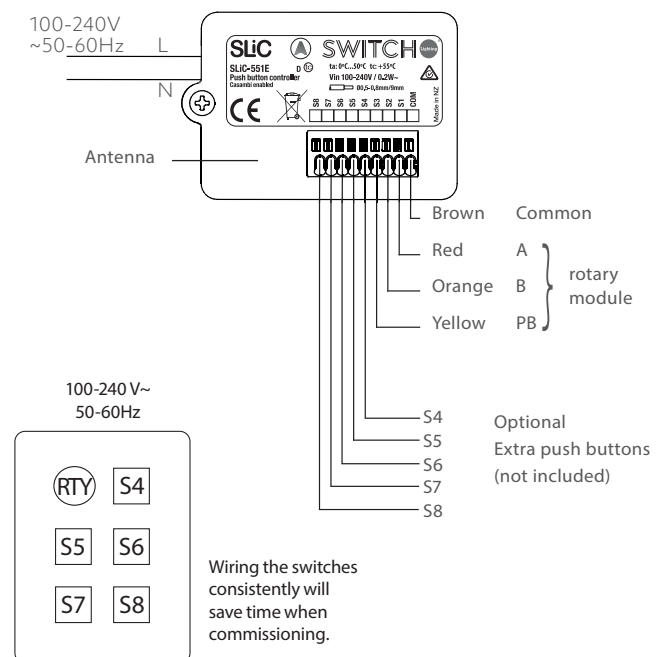
To commission and operate the Casambi App for the SLiC Push-button Controller, use an iPhone / iPad with iOS 10 and later or Android 4.4 and later. Most Apple and Android phones/tablets are compatible.



## Our other compatible products

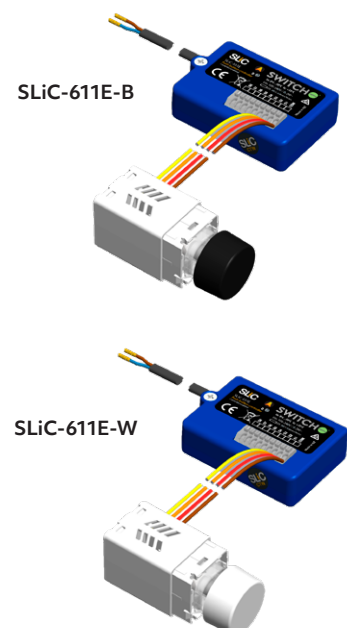
SLiC-500E	Luminaire controller
SLiC-550E	Push Button Controller, 4 Channel
SLiC-551E	Push Button Controller, 8 Channel
SLiC-640E	SLiC Casambi Evolution Driver

Switch Lighting Luminaires: An extensive range of plug & play dimming, Sunset Dimming (SD) and Tunable White (TW) lights. Full range on our website.



## Product information

Parameter	Value
Input Voltage	100-240V AC 50-60 Hz
Power usage	<0.2W
Network Type	Casambi Classic / Evolution
Rotary / Push Buttons	1 rotary & 5 push-buttons
Rotary Knob Colour	White & Black
Casambi Mesh	2.4-2.48 GHz @ < +8dBm
Ambient temperature	-0 to +50C
IP Rating	IP20
Compliance	EN IEC 55015:2019+A11:2020, EN 61547:2009, EN IEC 61000-3-2:2019+A1:2021, AS CISPR 15:2017, AS CISPR 32:2015, AS/NZS 4268:2017, ETSI EN 300 328 V2.2.2 (2019-07), EN 62479:2010, ETSI EN 301 489-1 V2.2.3 (2019-11), ETSI EN 301 489-17 V3.2.4 (2020-09), IEC 60669-1:2017, IEC 609-2-1:2002+A1:2008+A2:2015
Connector (push button)	0.5-0.8mm diameter solid wire
Max wire length to momentary switch	20m
Dimensions	61X42X21mm
Weight	52g



Please see [www.switch-lighting.co.nz](http://www.switch-lighting.co.nz) for full specifications, SDoCs and installation instructions.



**Warranty**  
5 years

# SLiC Push Button Controller

Casambi enabled | SLiC-550E

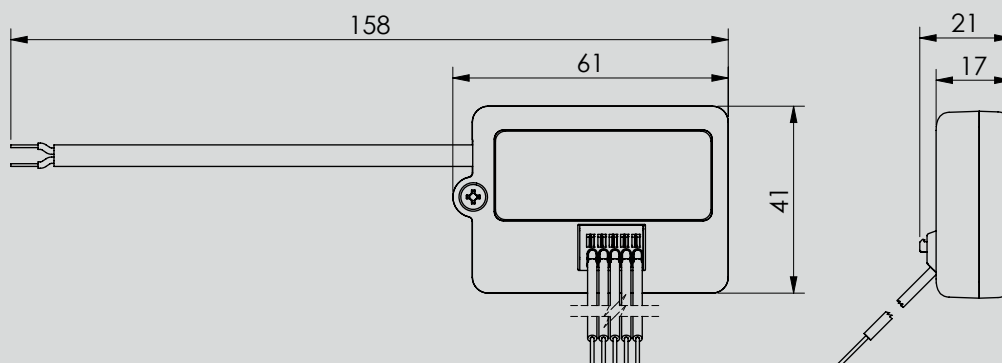
SLiC-550E



## Convert a momentary push-button wall switch into a smart lighting controller

- + Convert each push-button into a smart button for lighting automation scenes of your choosing. Convert a normal on/off push-button to create seasonally adjusted circadian rhythm scenes for healthier lighting, set another push-button to a TV viewing scene, or any scene of your choosing;
- + Perfect for new or retrofit installations – no additional wiring required;
- + Switches may be remotely mounted up to 20m;
- + Simple to install and commission;
- + Compatible with most push button momentary switches or any dry-contact input;
- + Compatible with SLiC Luminaire Controllers and any Classic or Evolution Casambi-enabled product ([www.casambi.com](http://www.casambi.com));
- + Powered directly from AC supply (< 0.2W) 100-240VAC~ (50/60Hz);
- + Custom antenna design for superior range performance  
Range up to 100m in outdoor settings in normal mode;
- + Compatible with new Casambi Long Range modes for even greater range.

The push-button controller is installed behind the wall switch. It is wired to a maximum of four momentary contact switches. Each connected push-button can now be configured with the Casambi App to control individual luminaires, lighting groups or scenes.



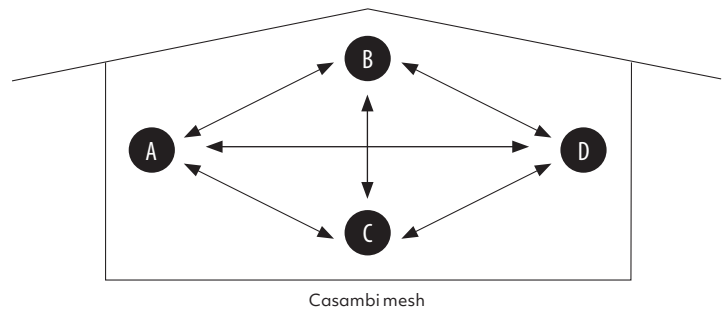


# SLiC Push-button Controller

SLiC-550E

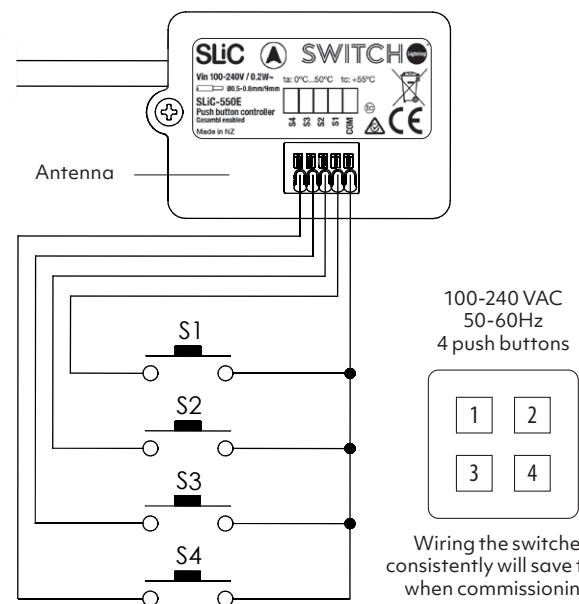
## Robust mesh network

The Casambi system forms an interconnected Bluetooth mesh – each unit acting independently and as a repeater. The signal distance between each unit is typically 15m but is influenced by surroundings and obstacles. Systems can be easily expanded with any additional Casambi-enabled units.



## Set-up and operation devices

To commission and operate the Casambi App for the SLiC Push-button Controller, use an iPhone / iPad with iOS 10 and later or Android 4.4 and later. Most Apple and Android phones/tablets are compatible.



## Product information

Parameter	Value
Input Voltage	100-240VAC 50-60 Hz
Power usage	<0.2W
Network Type	Casambi Classic / Evolution
Push-buttons	SLiC-550E 4 max
Bluetooth Radio	2.4-2.48 GHz @ < +4dBm
Ambient temperature	-0 to +50C
IP Rating	IP20
Compliance	EN IEC 55015:2019+A11:2020, EN 61547:2009, EN IEC 61000-3-2:2019+A1:2021, AS CISPR 15:2017, AS CISPR 32:2015, AS/NZS 4268:2017, ETSI EN 300 328 V2.2.2 (2019-07), EN 62479:2010, ETSI EN 301 489-1 V2.2.3 (2019-11), ETSI EN 301 489-17 V3.2.4 (2020-09), IEC 60669-1:2017, IEC 60669-2-1:2002+A1:2008+A2:2015
Connector (push button)	0.4-0.8mm diameter solid wire
Max wire length to momentary switch	20m
Dimensions	61X42X21mm
Weight	25g

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**Warranty**  
5 years

# SLiC Push Button Controller

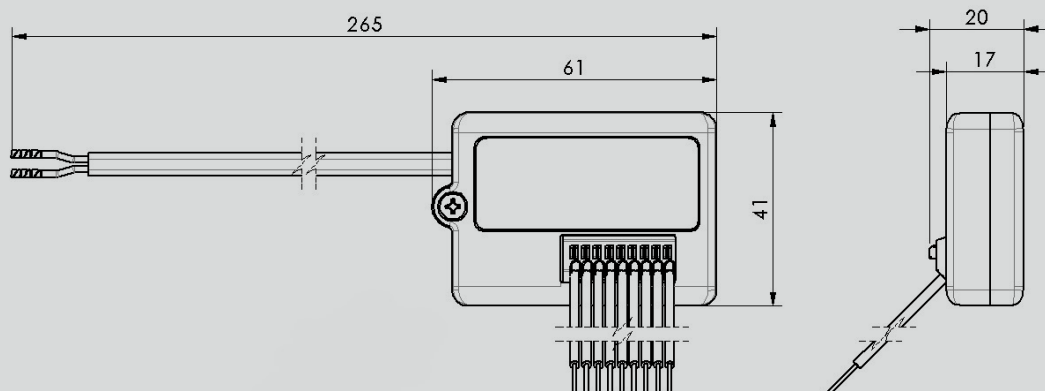
8 Channel | Casambi enabled | SLiC-551E



## Convert a momentary push-button wall switch into a smart lighting controller

- + Convert each push-button into a smart button for lighting automation scenes of your choosing. Convert a normal on/off push-button to create seasonally adjusted circadian rhythm scenes for healthier lighting, set another push-button to a TV viewing scene, or any scene of your choosing.
- + Perfect for new or retrofit installations – no additional wiring required.
- + Switches may be remotely mounted up to 20m from the SLiC551E unit.
- + Simple to install and commission.
- + Compatible with most push-button momentary switches or any dry-contact input.
- + Compatible with SLiC Luminaire Controllers and any Classic or Evolution Casambi-enabled product. ([www.casambi.com](http://www.casambi.com))
- + Powered directly from AC supply (< 0.2W) 100-240V~ (50/60Hz).
- + Custom antenna design for superior-range performance, Range up to 100m in outdoor settings in normal mode.
- + Compatible with new Casambi Long Range modes for even greater range.

The SLiC-551E push-button controller is installed behind the wall switch. It is wired to a maximum of eight momentary contact switches. Each connected push-button can now be configured with the Casambi App to control lighting groups and scenes.





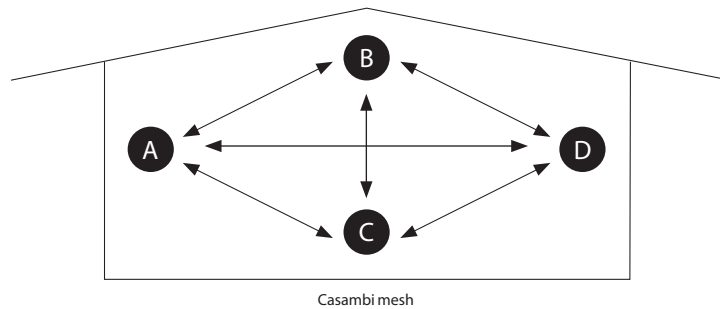
# SLiC Push-button Controller

SLiC-551E

## Robust mesh network

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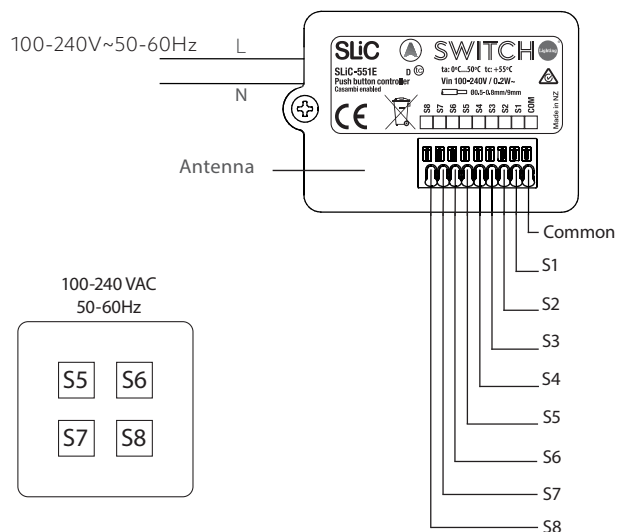
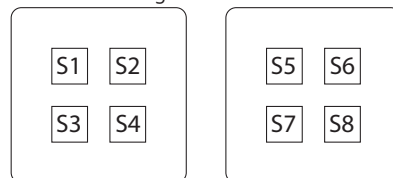


## Set-up and operation devices

To commission and operate the Casambi App for the SLiC Push-button Controller, use an iPhone / iPad with iOS 10 and later or Android 4.4 and later. Most Apple and Android phones/tablets are compatible.



Wiring the switches consistently will save time when commissioning



## Product information

Parameter	Value
Input Voltage	100-240V AC 50-60 Hz
Power usage	<0.2W
Network Type	Casambi Classic / Evolution
Push-buttons	8 max
Casambi Mesh	2.4-2.48 GHz @ + <math>+8\text{dBm}</math>
Ambient temperature	-0 to +50C
IP Rating	IP20
Compliance	EN IEC 55015:2019+A11:2020, EN 61547:2009, EN IEC 61000-3-2:2019+A1:2021, AS CISPR 15:2017, AS CISPR 32:2015, AS/NZS 4268:2017, ETSI EN 300 328 V2.2.2 (2019-07), EN 62479:2010, ETSI EN 301 489-1 V2.2.3 (2019-11), ETSI EN 301 489-17 V3.2.4 (2020-09), IEC 60669-1:2017, IEC 60669-2-1:2002+A1:2008+A2:2015
Connector (push button)	0.5-0.8mm diameter solid wire
Max wire length to momentary switch	20m
Dimensions	61X42X21mm
Weight	31g

## Our other compatible products

SLiC-500E	Luminaire controller
SLiC-610E	Rotary Controller, 4 channel
SLiC-611E	Rotary Controller, 8 channel
SLiC-640E	SLiC Casambi Evolution Driver

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**Warranty**  
5 years

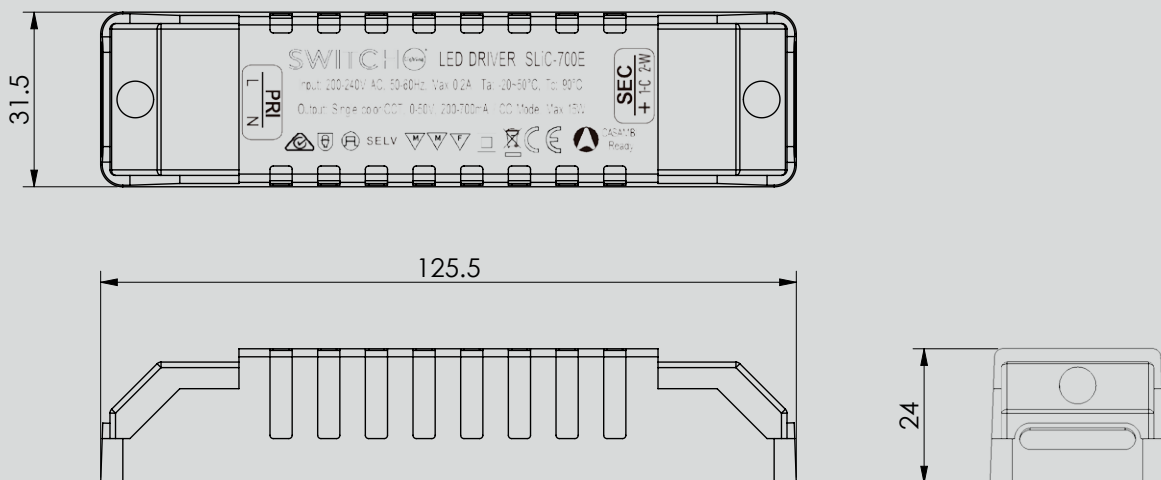
# SLiC Casambi Driver

## SLiC-700E



The SLiC-700E is a 15W programmable constant current LED driver for tunable white and single colour. It is Casambi ready, and all features are programmable. The output channel, rated current, fade time and trim level features are all adjustable from the Casambi app. The advanced full DC dimming is 100% flicker free throughout the whole dimming range.

- + Output current set from App
- + 100% non-flicker DC dimming current
- + Current trim fine tuning
- + Fading time adjustable
- + Dimming curve adjustable
- + Single colour and tunable white in one
- + Very low standby power
- + Premium low brightness performance





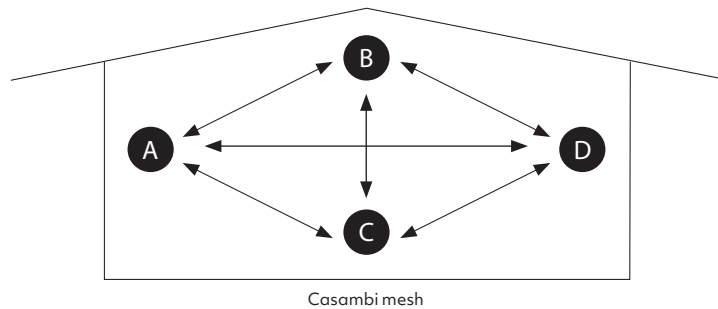
# SLiC Casambi Driver

SLiC-700E

## Robust mesh network

The Casambi system forms an interconnected mesh – each unit acting independently and as a repeater. The signal distance between each unit is typically 8m but is influenced by surroundings and obstacles.

Systems can be easily expanded with any additional Casambi-enabled units.



## Set-up and operation devices

To commission and operate the Casambi App for the SLiC Casambi Evolution Driver, use an iPhone / iPad with iOS 10 and later or Android 4.4 and later. Most Apple and Android phones/tablets are compatible.



## Current Set Trim Table

The default profiles are in 50-100mA increments and can be set before or after pairing using the Casambi app. To fine tune the output current to match the luminaire requirements use the current trim function see below table. When first powered up the driver will be default set to 200mA.

Target Current mA	Set Current Profile mA	Set Trim Percentage	Comment
100	200	50%	
150	200	75%	
180	200	90%	
220	400	55%	
260	400	65%	No current trim necessary
300	300	100%	
350	500	75%	No current trim necessary
400	400	100%	

## Product information

Model	SLiC-700E
Function	2-in-1 (Single colour / Tunable white)
Insulation Coverable	No
Rated max power	15W
Input power	AC 180-240V
Power Factor	>0.9 at rated load
Efficiency	>85% at full load
Output voltage	0-50V DC
Rated output current (mA)	200, 250, 300, 350, 400, 500, 600, 700
Fade time	0-25.5 seconds adjustable
Output current trim	100% to 50% with 5% step
Dimming method	Full DC dimming
Standby power consumption	<0.5W
Working temperature	-20~50°C
Case temperature	Max 90°C
Dimension (WHL)	31.5 x 24 x 125.5mm

Please see [www.switch-lighting.co.nz](http://www.switch-lighting.co.nz) for full specifications, SDoCs and installation instructions.



Warranty  
5 years

