Installation Instructions – PM202

SLiC500C Luminaire controller - Casambi enabled

Description:

The Switch Lighting intelligent controls SLiC500C is a Casambi enabled Bluetooth driver adapter, which converts a compatible 1-10V driver into a Casambi enabled type for standard dimming and Colour Tunable White (CTW) control. It is recommended for use with Switch Lighting SLPA-MA1 and MA2 driver types. The adapter runs from the LED output of the driver and the driver should be permanently powered. The adapter will turn the LED on/off.

Installation should be carried out by a qualified electrician.

Installation:

1. Ensure the electrical supply is switched off during installation
2. This device contains a Bluetooth Antenna – ensure the device is not installed adjacent to metal objects and wiring
3. DO NOT adjust the current setting on the driver
4. SLiC500C may be covered with insulation
5. The driver may be covered with insulation up to 260mA

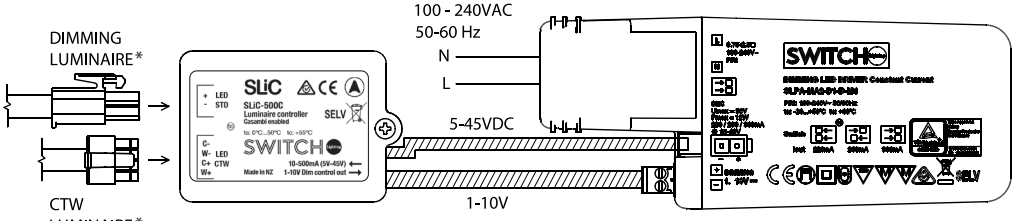
Luminaire connection:

1. Connect the AC supply to the driver
2. Plug the adaptor into the driver as per diagram below (fly leads may be required if using a non-Switch Lighting driver)
3. Connect the luminaire to the applicable adaptor output (Note only one luminaire type may be connected at a time)

Commissioning:

1. Download the app from Apple App Store or Google Play Store and allow notifications and Bluetooth if prompted.
2. Ensure sure all Casambi enabled devices are powered on and open the Casambi app.
3. Check that all the devices appear as "nearby devices" on the app.
4. Select ***Take into use*** and this will automatically add all devices to a new network.
5. When prompted select the ***Classic*** network.
6. Give your Network a name, location and select if you want to share the network. There are 4 options here; Not Shared, Administrator only, Password protected or ***Open***. For simple testing choose ***Open***
7. Click ***done*** when you are happy with your settings and your Network will be established, allowing you to now control all the Casambi devices in the mesh network.
8. Go to the Luminaires Tab. Press the "All Luminaires" button to turn all lights on/off and check the light is responding.
9. Press & hold the button corresponding to the luminaire you wish to test. This will reveal slider controls to allow you to dim the luminaire and if it's a CTW type, change its CCT colour.
10. Your SLiC device profile is commissioned to match your specified luminaire.
11. The device has 2 profiles for operation: Profile 1 CTW luminaires or Profile 2 Dimming only.
12. To change the devices profile, unpair the device, – the profile menu can then be accessed for the device.
13. You can now access these CTW luminaires under the luminaires tab, gallery and scene tabs, which will give you the chance to group luminaires, set scenes for multiple devices, initiate timers, sensors, relays and other devices on the network to personalise your lighting control.

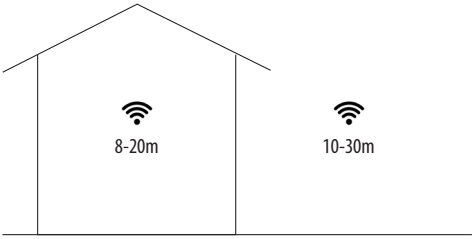
For further information and detailed instructions on setting Scenes, Groups, Timers, Sensors, Circadian lighting profiles and much more please use the QR link.



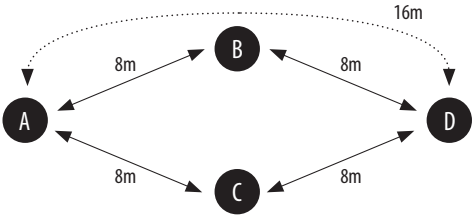
*Only one luminaire should be connected

Range:

The Casambi system forms an interconnected radio mesh, so each unit also acts as a repeater, thus larger systems are easily achieved as long as at least one unit is no further than 8m from the next.



Range is highly dependent on surroundings and obstacles



Casambi mesh

Compatible devices:

Suitable devices to run the Casambi App include iPhone & iPad iOS 10 and later, Android 4.4 and later. Most Apple and Android phones will be compatible.

GET IT ON Google Play

Download on the App Store

Specification SLiC500C:

Parameter	Value	Comment
Input voltage	5-50VDC	Powered by driver
Power usage	<0.1W	Driver total power approx 0.7W in standby
Network type	Casambi Classic	
Max LED current	500mA	
Driver type	1-10V	SLPA-MA1/2
Compatible LED types	CTW or standard dimming/sunset dimming	
Bluetooth radio	2.4-2.48GHz @ <4dBm	
Ambient temp	0º to +50ºC	
IP rating	IP20 (indoor only)	

Profiles:

Profile	Name	Description
19305	SLiC500C CTW	Colour tunable white control
21959	SLiC500C DIM	Dimming only control

Note:

Use only Bluetooth dimming.
NOT compatible with phase-cut dimmers.