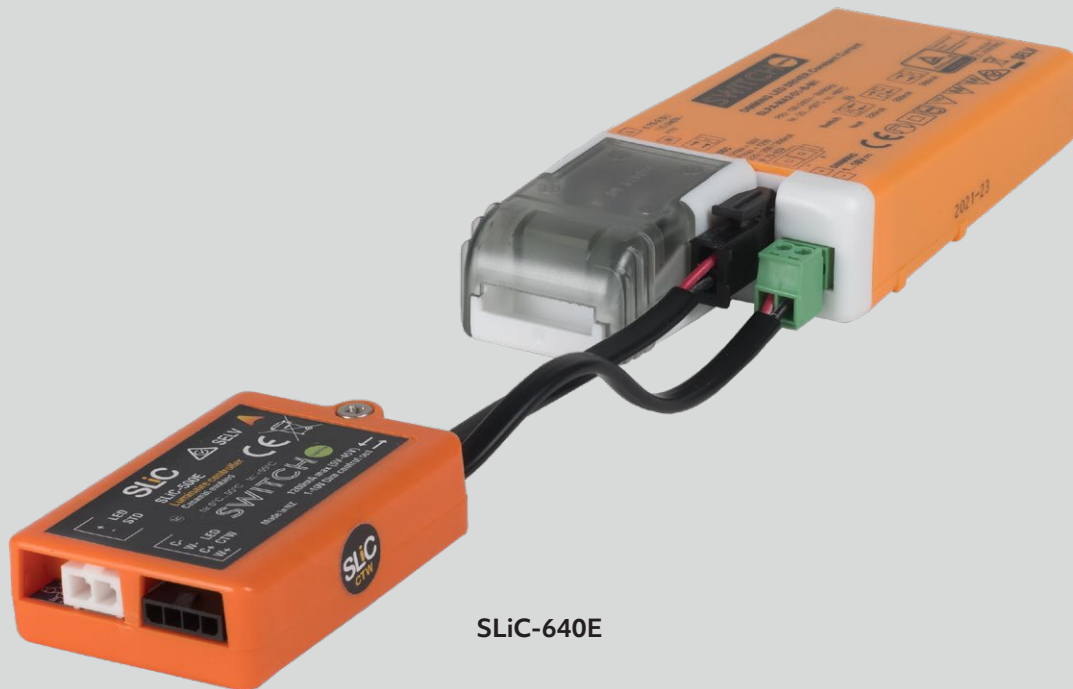


SLiC Casambi Evolution Driver



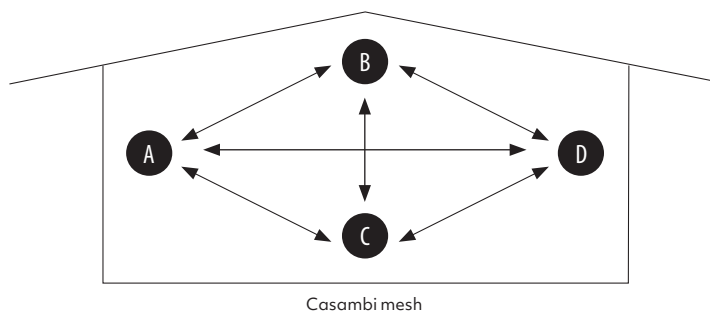
SLiC-640E

The SLiC Casambi Evolution Driver enables the use of Casambi for Tunable White control (dimming and colour), standard LED dimming and Casambi-enabled lighting automation.

- + Enable smart lighting control of individual luminaires
- + Lighting automation control for Tunable White and other constant current LED luminaires;
- + Perfect for new or retrofit installations – no additional wiring required;
- + Control of lighting scenes: for example: a seasonally adjusted circadian rhythm lighting scene, a movie viewing lighting scene, or any smart lighting scene setting you desire;
- + Simple to install and commission using the Casambi app for Android or iOS;
- + Easy to control with regular push-button momentary interfaces (when enabled with a SLiC Push-button Interface) a mobile device or a Casambi controller;
- + Compatible with any Casambi-enabled product (www.casambi.com).

Robust mesh network

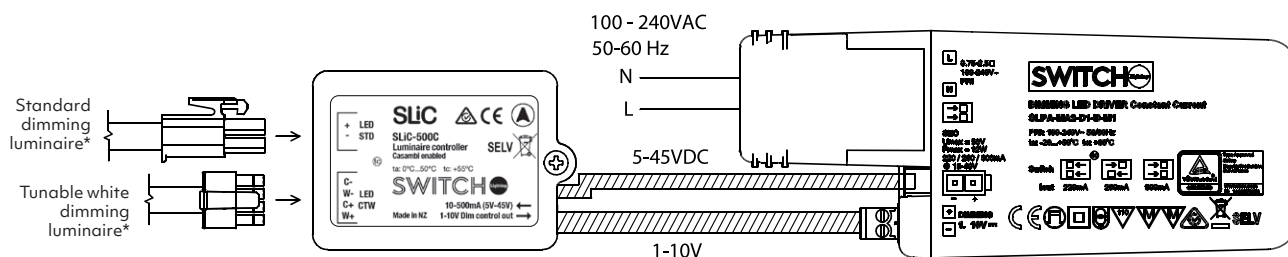
The Casambi system forms an interconnected Bluetooth mesh – each unit acting independently and as a repeater. The signal distance between each unit is typically 8m but is influenced by surroundings and obstacles. Systems can be easily expanded with any additional Casambi-enabled units.



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.

Connectors are provided for Tunable White (4-wire) or standard dimming (2-wire) LED luminaires. Power is supplied by the driver.



*Only one luminaire should be connected
Short adapter leads supplied

Product information

	SLiC-640E-SLPA-MA1	SLiC-640E-SLPA-MA2
Model	1-10V and PWM Dimmable LED driver	1-10V and PWM Dimmable LED driver
Input voltage	100-240VAC 50-60 Hz	100-240VAC 50-60 Hz
Output voltage	15-40VDC	15-40VDC
Output current	Selectable: 100mA / 150mA / 180mA	Selectable: 220mA / 260mA / 300mA
Output power	7.2W max	12W max
Efficiency @ full load	85%	85%
Dimming range	3-100%	3-100%
Flicker	<1% at all output power options and dimming levels	<1% at all output power options and dimming levels
THD immunity	complies with EN 61000-4-13 (<12%)	complies with EN 61000-4-13 (<12%)
THD output	complies with EN 61000-3-2 (<8%)	complies with EN 61000-3-2 (<8%)
Network type	Casambi Evolution	Casambi Evolution
Ambient temp (Ta)	-20 to +50C	-20 to +50C
Maximum case temp (Tc)	80°C	80°C
Thermal protection	110°C	110°C
Over voltage protection	yes	yes
Short circuit protected	yes	yes
Open circuit protected	yes	yes
Compatible LED types	Tunable White, std dimming or Sunset Dimming types	Tunable White, std dimming or Sunset Dimming types
Bluetooth radio	2.4-2.48 GHz @ < +4dBm	2.4-2.48 GHz @ < +4dBm
IP rating	IP20	IP20
Compliance	EN 55015:2013+A1, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 61547:2009, EN 61347-1:2015, AS/NZS 61347.1:2016+A1:2018, EN 61347-2-13:2014+A1:2017, AS 61347.2.13:2018, EN 62493:2015, IEC 60533:2015, EN 61000-4-13	EN 55015:2013+A1, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 61547:2009, EN 61347-1:2015, AS/NZS 61347.1:2016+A1:2018, EN 61347-2-13:2014+A1:2017, AS 61347.2.13:2018, EN 62493:2015, IEC 60533:2015, EN 61000-4-13
Connectors (LED o/p)	Std dim : 2-way Mini Universal MATE-N-LOK TW: 4-way Micro MATE-N-LOK	Std dim : 2-way Mini Universal MATE-N-LOK TW: 4-way Micro MATE-N-LOK
Dimensions	Driver: 129x52x22mm Dongle: 61x42x21mm	Driver: 129x52x22mm Dongle: 61x42x21mm

Standby total power SLPA-MA1/2 driver 0.7W

Please see www.switch-lighting.co.nz for full specifications, SDoCs and installation instructions.



Warranty
5 years