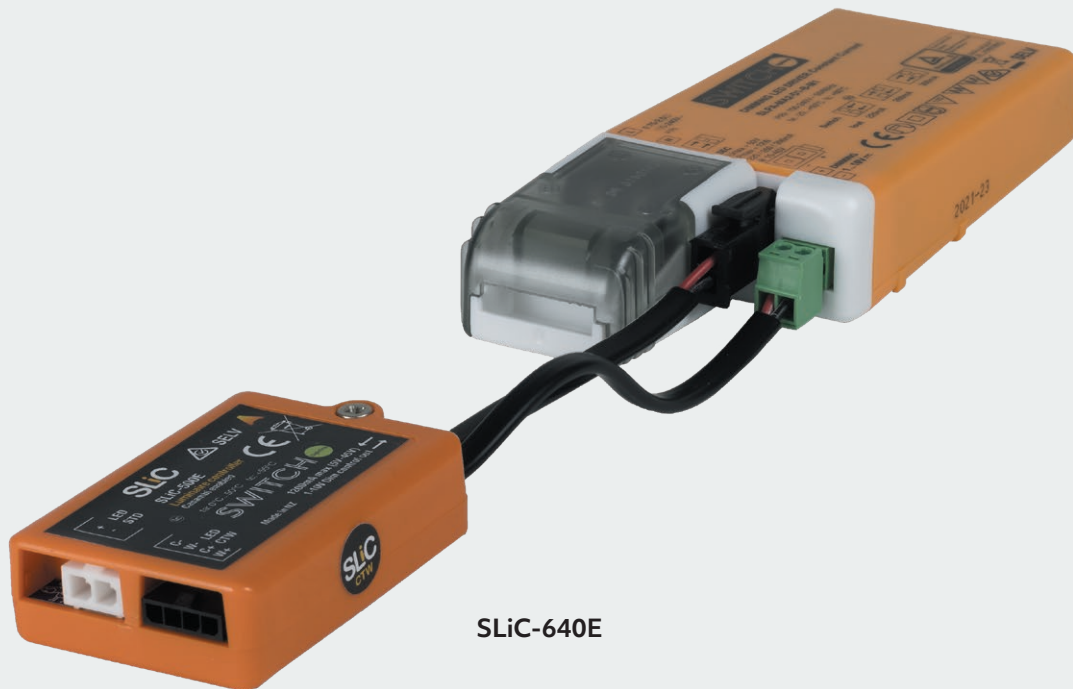


# SLiC Casambi Evolution Driver



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.**

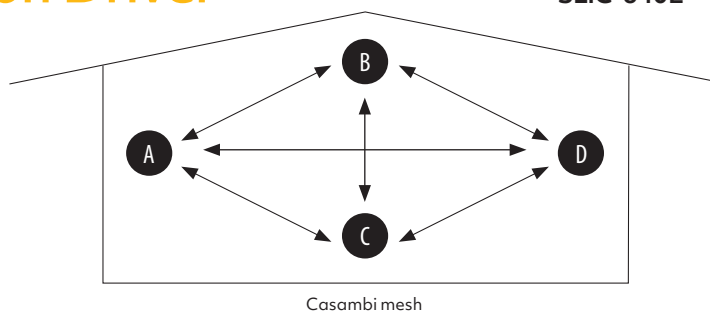
- + Enable smart lighting control of individual luminaires
- + Lighting automation control for Tunable White and other constant current LED luminaires;
- + Perfect for new or retrofit installations – no additional wiring required;
- + Control of lighting scenes: for example: a seasonally adjusted circadian 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](http://www.casambi.com)).

# SLiC Casambi Evolution Driver

SLiC-640E

## Robust mesh network

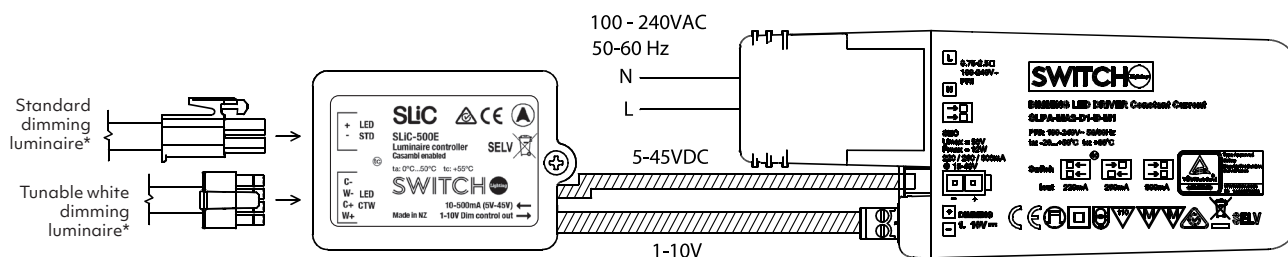
The Casambi system forms an interconnected Bluetooth mesh – each unit acting independently and as a repeater. The signal distance between each unit is typically 8m but is influenced by surroundings and obstacles. Systems can be easily expanded with any additional Casambi-enabled units.



## 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

## Product information

	SLiC-640E-SLPA-MA1	SLiC-640E-SLPA-MA2
<b>Model</b>	1-10V and PWM Dimmable LED driver	1-10V and PWM Dimmable LED driver
<b>Input voltage</b>	100-240VAC 50-60 Hz	100-240VAC 50-60 Hz
<b>Output voltage</b>	15-40VDC	15-40VDC
<b>Output current</b>	Selectable: 100mA / 150mA / 180mA	Selectable: 220mA / 260mA / 300mA
<b>Output power</b>	7.2W max	12W max
<b>Efficiency @ full load</b>	85%	85%
<b>Dimming range</b>	3-100%	3-100%
<b>Flicker</b>	<1% at all output power options and dimming levels	<1% at all output power options and dimming levels
<b>THD immunity</b>	complies with EN 61000-4-13 (<12%)	complies with EN 61000-4-13 (<12%)
<b>THD output</b>	complies with EN 61000-3-2 (<8%)	complies with EN 61000-3-2 (<8%)
<b>Network type</b>	Casambi Evolution	Casambi Evolution
<b>Ambient temp (Ta)</b>	-20 to +50C	-20 to +50C
<b>Maximum case temp (Tc)</b>	80°C	80°C
<b>Thermal protection</b>	110°C	110°C
<b>Over voltage protection</b>	yes	yes
<b>Short circuit protected</b>	yes	yes
<b>Open circuit protected</b>	yes	yes
<b>Compatible LED types</b>	Tunable White, std dimming or Sunset Dimming types	Tunable White, std dimming or Sunset Dimming types
<b>Bluetooth radio</b>	2.4-2.48 GHz @ < +4dBm	2.4-2.48 GHz @ < +4dBm
<b>IP rating</b>	IP20	IP20
<b>Compliance</b>	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 61347-2:2014+A1:2017, AS 61347.2:2018, 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 61347-2:2014+A1:2017, AS 61347.2:2018, EN 62493:2015, IEC 60533:2015, EN 61000-4-13
<b>Connectors (LED o/p)</b>	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
<b>Dimensions</b>	Driver: 129x52x22mm Dongle: 61x42x21mm	Driver: 129x52x22mm Dongle: 61x42x21mm

Standby total power SLPA-MA1/2 driver 0.7W

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

