

Smart LED Driver

8-24W CASAMBI RGBTW 120-277V CC

For 5-Channels RGBCW LED



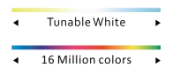
CASAMBI



To be used through Casambi APP available on Apple Store and Google Play Store for iOS and Android.

Features

- Easy wireless dimming and scheduling for energy saving and convenience
- Integrated in Casambi systems (Casambi Ready)
- Used with 5CH RGBCW LED, support unique white tuning+full colors+ wireless dimming via Casambi Apps
- With precision-engineered proprietary color mixing, tunable white CCT points fully fit the Planckian Locus, upgrade the lighting quality
- Future-proof flexibility, support OTA (Over-The-Air) firmware update
- Protective features: open circuit\ short Circuit\Overload\class II
- Reliable, flicker-free
- 5 years warranty.



Applications

- RGBTW Solution
- LED Down Light
- LED Spot Light
- LED Panel Light



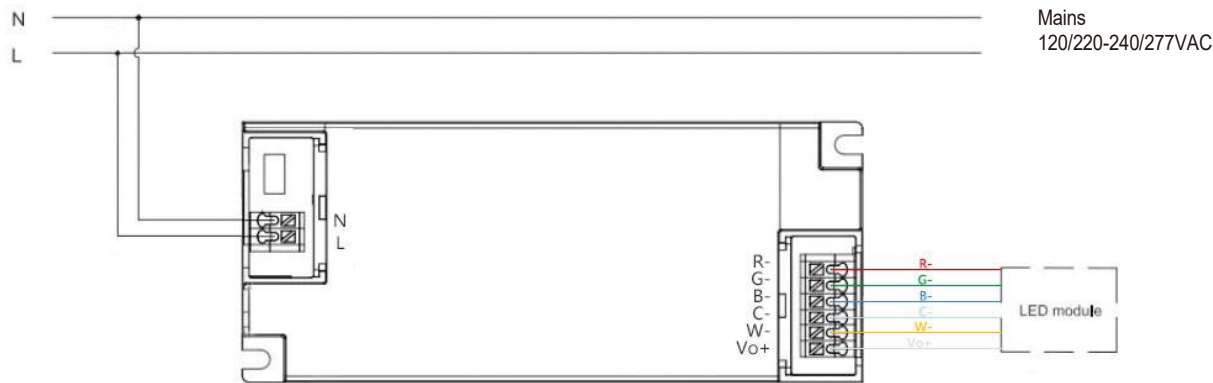
Electrical Data

Item	Model No.	Rated Power	Output Current	Output Voltage	Output Channel
SmartDriver 8W 200mA 40V CSB RGBTW 120-277V CC	BS-5CH2016-40V-C	8W	WW/CW:200 mA: R/G/B: 160mA	18-40Vdc	5CH
SmartDriver 8W 200mA 40V CSB RGBTW 120-277V CC	BS-5CH2020-40V-C	8W	WW/CW:200 mA: R/G/B: 200mA	18-40Vdc	5CH
SmartDriver 10W 250mA 40V CSB RGBTW 120-277V CC	BS-5CH2516-40V-C	10W	WW/CW:250 mA: R/G/B: 160mA	18-40Vdc	5CH
SmartDriver 10W 250mA 40V CSB RGBTW 120-277V CC	BS-5CH2525-40V-C	10W	WW/CW:250 mA: R/G/B: 250mA	18-40Vdc	5CH
SmartDriver 12W 300mA 40V CSB RGBTW 120-277V CC	BS-5CH3016-40V-C	12W	WW/CW:300 mA: R/G/B: 160mA	18-40Vdc	5CH
SmartDriver 12W 300mA 40V CSB RGBTW 120-277V CC	BS-5CH3030-40V-C	12W	WW/CW:300 mA: R/G/B: 300mA	18-40Vdc	5CH
SmartDriver 14W 350mA 40V CSB RGBTW 120-277V CC	BS-5CH3516-40V-C	14W	WW/CW:350 mA: R/G/B: 160mA	18-40Vdc	5CH
SmartDriver 14W 350mA 40V CSB RGBTW 120-277V CC	BS-5CH3535-40V-C	14W	WW/CW:350 mA: R/G/B: 350mA	18-40Vdc	5CH
SmartDriver 16W 400mA 40V CSB RGBTW 120-277V CC	BS-5CH4016-40V-C	16W	WW/CW:400 mA: R/G/B: 160mA	18-40Vdc	5CH
SmartDriver 16W 400mA 40V CSB RGBTW 120-277V CC	BS-5CH4040-40V-C	16W	WW/CW:400 mA: R/G/B: 400mA	18-40Vdc	5CH
SmartDriver 18W 450mA 40V CSB RGBTW 120-277V CC	BS-5CH4516-40V-C	18W	WW/CW:450 mA: R/G/B: 160mA	18-40Vdc	5CH
SmartDriver 20W 500mA 40V CSB RGBTW 120-277V CC	BS-5CH5016-40V-C	20W	WW/CW:500 mA: R/G/B: 160mA	18-40Vdc	5CH
SmartDriver 22W 550mA 40V CSB RGBTW 120-277V CC	BS-5CH5516-40V-C	22W	WW/CW:550 mA: R/G/B: 160mA	18-40Vdc	5CH
SmartDriver 24W 600mA 40V CSB RGBTW 120-277V CC	BS-5CH6016-40V-C	24W	WW/CW:600 mA: R/G/B: 160mA	18-40Vdc	5CH

Rated Input Voltage	120/220-240/277VAC
Input Voltage Range	100...305VAC
Input Frequency	50...60Hz
Total Harmonic Distortion	≤15% @ rated output power
Standby Power	< 0.5W
Dimming range	1...100%
Isolation controls input to output	SELV (acc. IEC61347-1)
Mains Surge Capability	L-N 1kV;
Control System	Casambi ready
Radio Protocol	Bluetooth 4.0 or 5.0 Low Energy (BLE)
Radio frequency	2.402-2.480GHz
RF output power	8 dBm
Rx sensitivity	-96dBm
Capable for mesh network	Up to 250 nodes / Standard networks and Long Range
Ambient Temperature	-20...+50° C
Tcase Maximum	80° C
Storage temp./humidity	-25-80°C, 5-95% RH
Lifetime	50,000 hrs
Warranty	5 Years
Certificate	CE-RED UKCA

Wiring and Connections

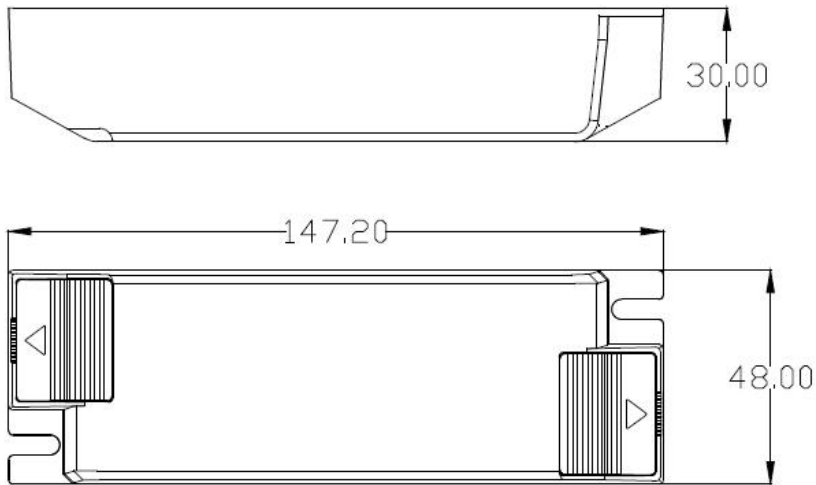
Input wire cross-section	0.75...1.5 mm2 / AWG 18...16
Input wire strip length	8.5...9.5 mm
Output wire cross-section	0.5...1.5 mm2 / AWG 20...16
Output wire strip length	8.5...9.5 mm
Maximum cable length	0.3 m



Lable

Dimensions (mm)

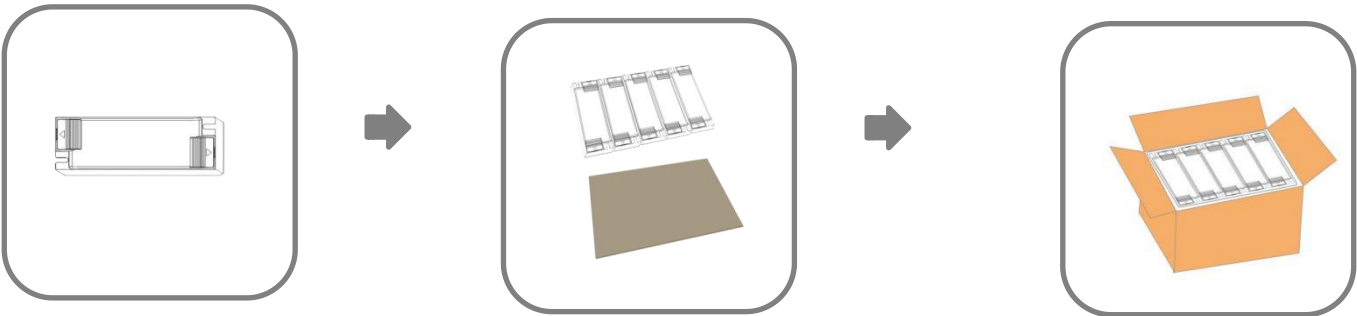
Dimensions	147.2 mm (L) x 48.0 mm (W) x 30.0 mm (H)
Enclosure Materials	PC Plastic
Net Weight	136g



Units:MM

Packing Info

Ctn Size	26*17*19cm
Qty/Ctn	25pcs
N.W	3.4kg
G.W	3.7kg



5pcsx5layer=25pcs/Ctn