



BENEITO FAURE®
passion for led light

57588

CASAMBI



CASAMBI

FEATURES

- DIMMER+DRIVER CASAMBI
- Input: DC 12-24 Vdc
- Command: APP CASAMBI
- Local Command: N°4 Push Buttons Normally Open (N.O.)
- Control: Dimmer White, Tunable White, Color RGB o RGBW
- Voltage or Current output for LED strip
- Typical efficiency > 95%
- Extended temperature range
- 100% Functional Test



Constant voltage variants (common anode)

CODE	Supply Voltage	Output	Channels	Commands
DLX1224-4CV-CASAMBI	12-24V DC	4 x 5A (max 10A tot.)	4	APP CASAMBI – 4 push buttons N.O.

The factory default profile of the product is DLX4-CBM-RGBW variant RGBW
In case you want to use profiles like DLX4-CBM-W (White), DLX4-CBM-TW (Tunable White) or DLX4-CBM-RGB (RGB), it is necessary to log in Casambi website and download the desired profile.

Protections

Variant	CV
OTP Over temperature protection	
OVP Over voltage protection	✓ (*)
UVP Under voltage protection	✓ (*)
RVP Reverse polarity protection	✓ (*)
IFP Input fuse protection	✓ (*)
SCP Short circuit protection	
OCP Open circuit protection	
CLP Current limit protection	

(*) Logic control protection

Type of Profiles

PROFILE	Supply Voltage	Output	Channels	Commands	
DLX4-CBM-W	12-24V DC	4 x CC/CV	4	APP CASAMBI – 4 push buttons N.O.	DIMMER
DLX4-CBM-TW	12-24V DC	2 x CC/CV	2	APP CASAMBI – 4 push buttons N.O.	TUNABLE WHITE
DLX4-CBM-RGB	12-24V DC	3 x CC/CV	3	APP CASAMBI – 4 push buttons N.O.	RGB
DLX4-CBM-RGBW	12-24V DC	4 x CC/CV	4	APP CASAMBI – 4 push buttons N.O.	RGBW

LED DRIVERS



Reference Standards

EN 61347-1:2008+A1:2011+A2:2013	Lamp controlgear - Part 1: General and safety requirements
EN 61000-3-2:2014	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
EN 61000-3-3:2013	Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection
EN 62384:2006+A1:2009	DC or AC supplied electronic control gear for LED modules - Performance requirements
EN 55015:2013+A1:2015	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
EN 61547:2009	Equipment for general lighting purposes - EMC immunity requirements
EN 50581:2012	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Technical Specification

		Variants	
		Constant current	Constant voltage
Supply voltage		DC min: 10.8 Vdc .. max: 26.4 Vdc	
Input current		max 10A	
Output voltage		= Vin	
Output current		max 5 A/ch ¹⁾ 10 A total^{1) 3)} max	
Nominal power ²⁾	@12V	60W/ch 120 Wmax	
	@24V	120W/ch 240 Wmax	
Thermal shutdown		150 °C	
D-PWM dimming frequency		600 Hz ²⁾	
D-PWM resolution		833 Step ²⁾	
Operating frequencies		2,400...2,483 GHz ²⁾	
Maximum output power		4dBm ²⁾	
Storage Temperature		min: -40 max: +60 °C	
Ambient Temperature ¹⁾		min: -10 max: +40 °C	
Protection grade		IP20	
Wiring		2.5mm ² solid - 1.5mm ² stranded - 30/12 AWG	
Mechanical dimension		88 x 54 x 25 mm	
Packaging dimension		106 x 59 x 36 mm	
Weight		80g	

¹⁾ Maximum value, depends on the ventilation conditions.

²⁾ The values depend on the configuration of the Casambi module.

³⁾ For the voltage version the device provides max 10A ($I_{TOT} = I_{L1} + I_{L2} + I_{L3} + I_{L4}$). Each channel provides max 5A.