BL controls BLE node C4

Intelligent Mesh Bluetooth Network

Bluetooth Controller 4 Channels

Input Voltage



The BLE node C4 is based on Bluetooth technology and creates an intelligent mesh network. Featuring an integral lighting decoder and 4 channels of PWM control, the versatile BLE node C4 reduces wiring requirements, accelerating installation and commissioning of compatible lighting systems. A complementary mobile app presents an intuitive and interactive user experience, allowing for full network control when within range of any one node!

Smart Device App

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Product Detail



Electrical	Max Input current	4A
	No-load standby power	< 0.3 W
	Output voltage	12-24VDC
	Max. output power	96W @ 24VDC
		48W @ 12VDC
	Max. output current	4A
	Dimming method	Pluse Width Modulation (PWM)
	Operating frequencies	2.4-2.483 Ghz
	Max. signal output power	3 dBm
	Connection Type	Screw Terminals
	Wire range	14 - 22 AWG
	Tightening force	0.4 Nm / 2.6Lb-in
	Max. Signal Range	50m (164ft) - Outdoors
		25m (82ft) - Indoors
Mechanical	Housing Construction	Plastic, White
	Mounting	Screw holes
	Weight	0.8oz (23g)
Environmental	Environmental	IP20
	Certifications	UL
	Operating Temperature	-13°F to 113°F (-25°C to 45°C)

12-24VDC

Features

- Up to 250 units form an intelligent mesh network
- Nodes communicate wirelessly, and over long distances
- Multiple networks can be set up on a site
- iOS or Android control with smart device app (Casambi App)

HSV dimming ensures excellent color consistency

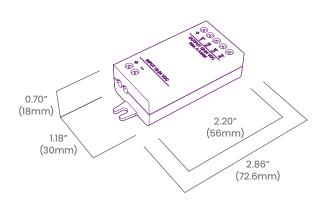
- Control system based on intelligent mesh network technology
- Bluetooth 4.0+ wireless control
- Customizable user interface

Ordering

Product Code

BL-controls-BLE-node-C4

Dimensions



BL LIGHTING

111 - 8838 Heather St. Vancouver, BC. Canada. V6P 3S8 P: 1-604-874-4405 E: info@bllighting.com Copyright © BL INNOVATIVE LIGHTING. All Rights Reserved. Solid State Lighting is sensitive to power fluctuations. Surge protection is highly recommended for all LED lighting products and should be on a dedicated circuit to protect against premature failure. Lack of surge protection may void your warranty. Designed & Assembled in North America.

For more information please downlad the BL LIGHTING catalog

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