Cbox BT O4 100W

BL Power

The Cbox are completely integrated, highly-customizable, fully cULus Listed Class 2 power and control boxes rated for Dry and Wet Locations. All Cbox enclosures arrive to site assembled and ready for quick wiring and install. All required components included. The BT O4 are configurable Bluetooth enabled power boxes. Integrate up to 200W through multiple Class 2 circuits. A complementary mobile app presents an intuitive and interactive user experience, allowing for full network control when within range of any one node!

Quick Ship   **Wet Location**   **Intelligent Mesh Bluetooth Network**

Smart Device App

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Product Detail

IP66   c(UL)us LISTED   Bluetooth

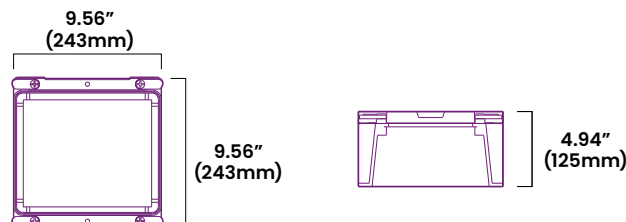|		
Electrical	Input Voltage	110-277VAC
	Input Frequency	50-60 Hz
	Input Current	1.1A@110V, 0.44A@277V
	Output Voltage	24VDC, Constant Voltage
	Power	100W
	Min. Power Draw	10W
	Control	Bluetooth (Phone/Tablet App)
	Max. Output Current	4A
	Dimming method	Pluse Width Modulation (PWM)
	Operating frequencies	2.4-2.483 Ghz
	Max. signal output power	3 dBm
	Connection Type	Screw Terminals (14 - 22AWG Wire Range)
	Max. Signal Range	25m (82ft) - Outdoors 15m (49ft) - Indoors
	Start-up Time	<1000ms
	Protection	Cat. C3 Surge Location (10kA/10kV)
	Surge Current Rating	20,000A, 8/20 μSec Wave
	Rating (2mS)	540 Joules
	Max. Clamping Voltage	925V
	Ambient Temperature	-4°F to 122°F (-20°C to 50°C)
	Circuit	Class 2
	Average Life	50,000 hours
Mechanical	Housing Construction	PVC (enclosure)
	Weight	11.5lbs (5.21kg)
	Environmental	IP66

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	Series	Power	Output	Input Voltage	IP Rating
CBBTO4	P	100W	24	UNI	IP66

Dimensions

9.56" (243mm)
9.56" (243mm)
4.94" (125mm)

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.

Specifications subject to change without notice. Please refer to our website at bllighting.com for current technical data.

For more information, please download the BL LIGHTING catalog

bllighting.com