

Cbox BT O4 2x100W

BL Power

Fully Assembled Control+Power Box
Dual Circuit, 2x100W, 24VDC, CV, Bluetooth Enabled



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!

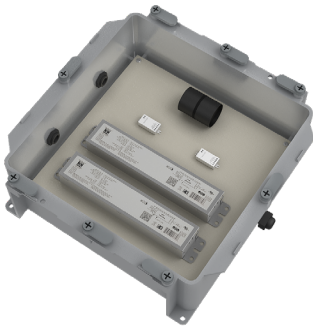
Quick Ship

Wet Location

Intelligent Mesh Bluetooth Network

Smart Device App

Product Detail



Electrical

Input Voltage	110-277VAC
Input Frequency	50-60 Hz
Input Current	1.1A@110V, 0.44A@277V
Output Voltage	24VDC, Constant Voltage
Power	2 x 100W
Min. Power Draw	2 x 10W
Control	Bluetooth (Phone/Tablet App)
Max. Output Current	2 x 4A
Dimming method	Pulse 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
Housing Construction	PVC (enclosure)
Weight	13.5lbs (6.12kg)
Environmental	IP66

Mechanical

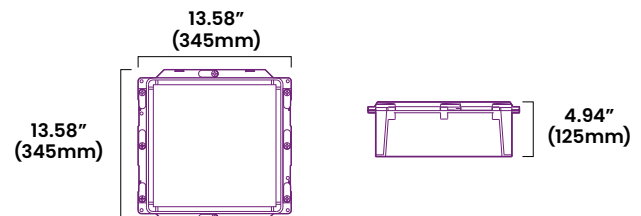
Features

- 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
CBBT04	P	2x100W	24	UNI	IP66

Dimensions



BL LIGHTING
ILLUMINATE EVERYTHING

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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

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