

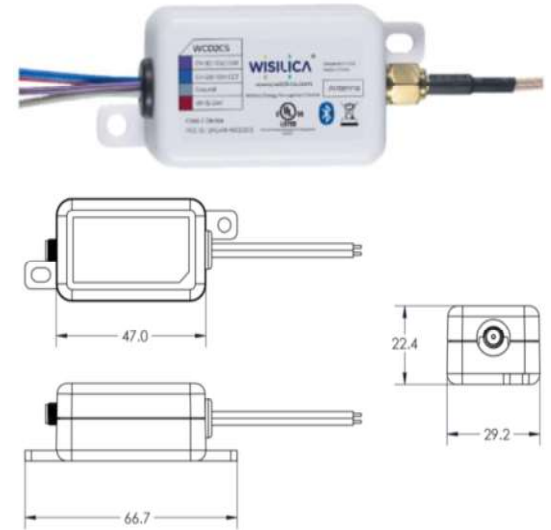
General description

WCD2CS is a wireless controlled dual channel dimming module powered by 12-24V DC and controlled or monitored via mobile device or cloud platform.

Technical specifications

Input Volage	12-24Vdc
Input Current Typical	18-22 mA
Input Current max	56-60 mA
Dimming Output (each channel)	0-10V / 15mA (Dimming range: 0-100%)
Dimming curve	Linear
Dimming resolution	8 bit, 100 steps
Cut of voltage	Programmable
Bluetooth frequency	2400-2483.5 MHz
Frequency Frift	±25 kHz (dF2)
Frequency Deviation	±225-275 kHz
Carrier Frequency Offset	30-150 kHz
Tx Current	48 mA (total current @Tx Mode)
Rx Current	37 mA (total current @Rx Mode)
Receiver sensitivity	-86 to -75 dBm
Operating temperature	-20 to 55 °C
Storage Temperature	-20 to 70 °C
Relative Humidity	85%
IP Rating	20
Standards	

Dimensions



Features

- Analog 2 channel (0-10) independent output to control intensity and color
- BLE4.2 based non-flooding intelligent mesh
- Zero downtime over the air firmware (OTA) updates

Wiring diagrams

