

**General description**

WCD2CSLIB is a wireless controlled dual channel dimmable/tunable constant current LED driver with software programmable current options. It can be controlled and monitored via mobile device or cloud platform.

**Technical specifications**

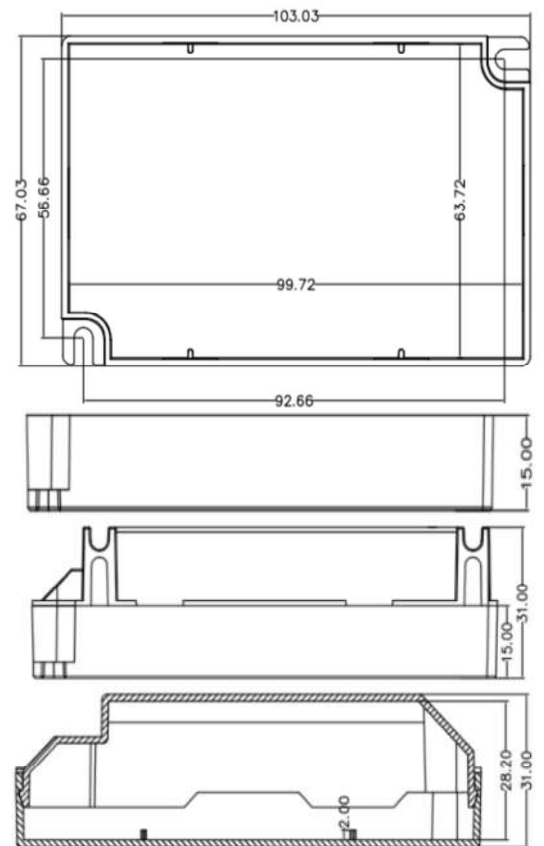
Input Voltage	90-270 Vac, 50/60Hz
Input Current	170 mA (max. 175mA)
LED Current	750 mA (max. 820mA)
Output voltage	24-48V
Power consumption	Max. 40W
Number of LEDs	2 - Warm and Cool
Analog input	0-10V
Digital input	0-10V
Aux power	12V / 150mA
Protection Class	Built-in Class II
Inrush Current	20 A
Surge Transient Protection	4 kV
Leakage current	0.5mA
Sensor interface	Common interface / UART
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
Weight	140g
Operating temperature	-20 to 50 °C
Storage Temperature	-20 to 70 °C
Relative Humidity	85%
IP Rating	20



**Features**

- Active-PFC for high PF, PF>0.9
- Low THD <10%
- High efficiency >85%
- LED short/open protection
- ±5% LED current accuracy
- Over current protection
- Over temperature protection
- Analog and digital input available
- Auxiliary 12V/150mA power out
- BLE4.2 based non-flooding intelligent mesh
- Zero downtime over the air firmware (OTA) updates
- Customizable communication interface for control and status.
- Analog 2 channel (0-10) independent output to control intensity and color

**Dimensions**



**Wiring diagrams**

