

CQCLD Series

Compact Quad-Channel Constant Current LED Driver



• CQCLD-CD

• CQCLD-CA

◆ Product Features

- SB interface for electrical isolation; ultra-high speed strobe optical receiver
- Analog Version (CA Type) provides 4 knobs to adjust each channel individually; Digital Version (CD Type) provides digital knob to adjustment with 7-segment display indicator; 4 channels can be adjusted and storage individually.
- High-current driving capacity : Maximum 1000mA output current per channel
- Build-in power supply : 65W
- LED open-loop detection and short-circuit protection (CD Type) : automatically stop output current when no-load or short-circuit
- Alarm and protection (CD / CA Type) : abnormal input power \ system over-current \ system overheats
- Precision current adjustment resolution : digital knob provides 256 adjusting current levels, USB interface provides 4096 adjusting current levels
- High-efficiency and high-power factor power circuit
- External pulse switch control : provides external trigger switch signal to synchronize LED strobe; the minimum width of LED output reaches to 1ms; the maximum frequency of strobe output reaches to 1kHz
- Each channel provides 64 sets of programmable and non-volatile LUT units to help users quickly correspond different currents and various brightness & characteristic of LED lights
- Compact design with optional track fixtures at the bottom of the unit to give convenient set up for the users

◆ Specification Table

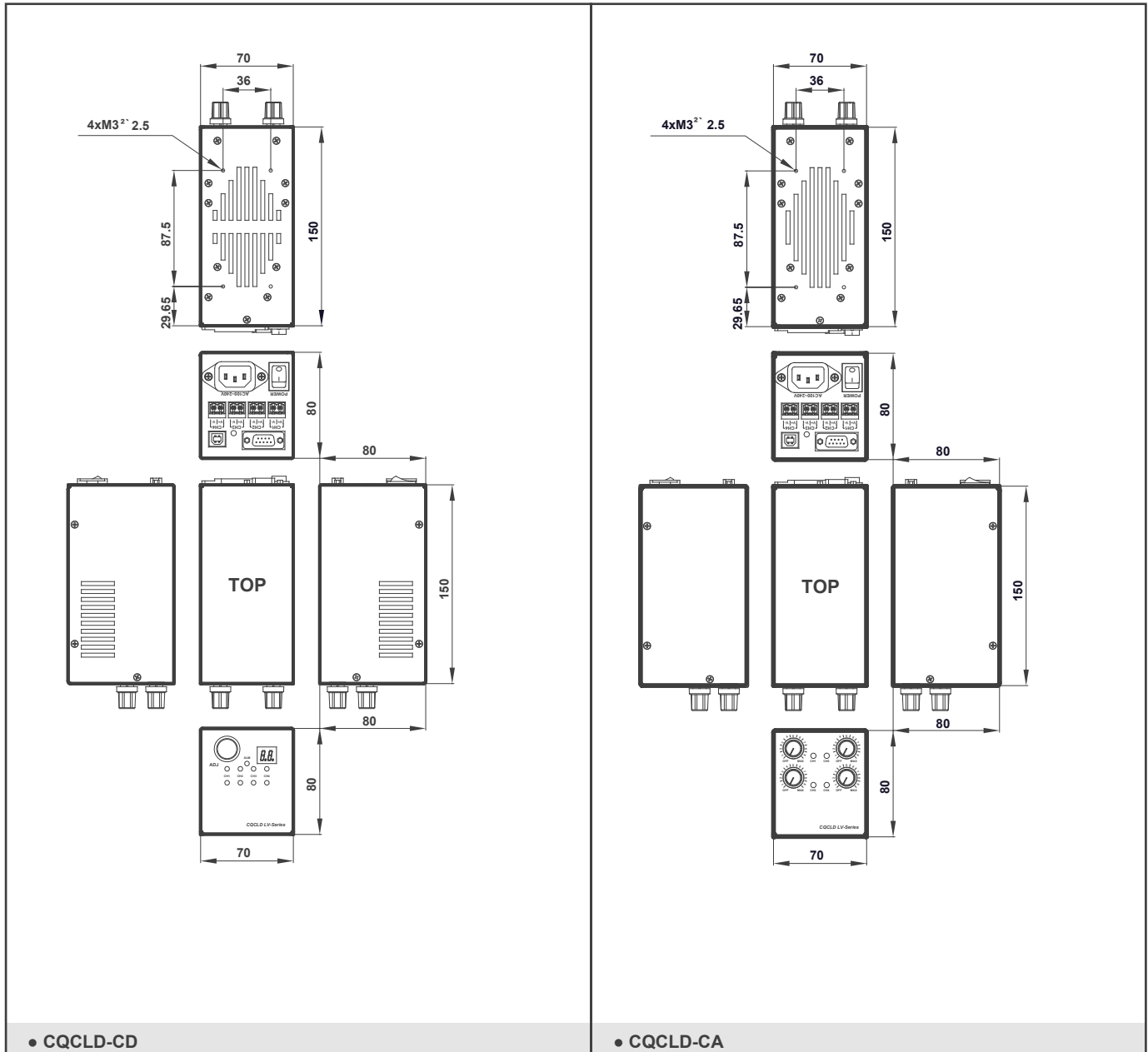
Model	Driver Type	Power Supply	Input Voltage	Output Voltage	Output Current (Max.)
CQCLD-CA	Analog Type	65W	AC100V~240V	DC1.5V~22V	≤1000mA
CQCLD-CD	Digital Type			DC1.5V~22.5V	

※提供客製化輸出電壓/電流規格

◆ Model Guide

CQCLD	— 65 —	1000 —	CA —	L —	□
Model Name Compact Quad-Channel Constant Current LED Driver	Power Supply 65 = 65W	Output Current 1000 = 1000mA	Driver Type CA = Analog Type	Output Voltage L = Low Voltage	Reserved Identify code

◆ Dimensional Drawing



• CQCLD-CD

• CQCLD-CA