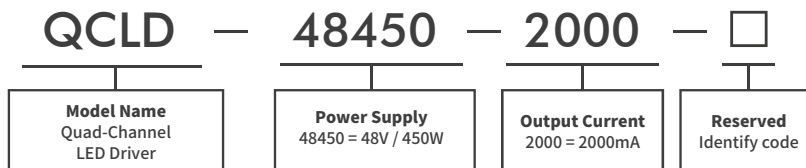# QCLD Series

Quad-Channel Ethernet Constant Current LED Driver

◆ Product Features

- Dual communication interface for electrical isolation：USB2.0/Ethernet
- High-current driving capacity：maximum 3000mA output current per channel
- TCP/IP support：Build-in Web Server for remote access without installing any software
- External input voltage：AC100V~240V (w/PFC)、AC200V~240V (w/o PFC)
- Various build-in power supply for selection：12V~48V/350W~600W
- LED open-loop detection and short-circuit protection：automatically stop output current when no-load or short-circuit
- Alarm and protection：abnormal input power、system over-current、system overheats
- 12-bit current adjustment resolution：provides 4096 adjusting current levels
- High-efficiency and high-power factor power circuit
- LED strobe output width can be adjusted from 1 to 4095us of exposure width
- External pulse switch control：provides external trigger switch signal to synchronize LED strobe; the minimum width of LED output reaches to 10us; the maximum frequency of strobe output reaches to 100kHz (periodic)
- Each channel provides 256 sets of programmable and non-volatile LUT units to allow users quickly correspond different currents and various brightness & characteristic of LED Lights

◆ Model Guide

QCLD — 48450 — 2000 — □

| Model Name Quad-Channel LED Driver | Power Supply 48450 = 48V / 450W | Output Current 2000 = 2000mA | Reserved Identify code |

◆ Specification Table

Model	Power Supply	Output Current
QCLD	24V / 350W	300mA
	48V / 350W	500mA
	48V / 450W	750mA
	24V / 450W	1000mA
	48V / 600W	2000mA
	24V / 600W	3000mA

※Customized output voltage/current available

◆ Dimensional Drawing

● QCLD