

# QCLD2S Series

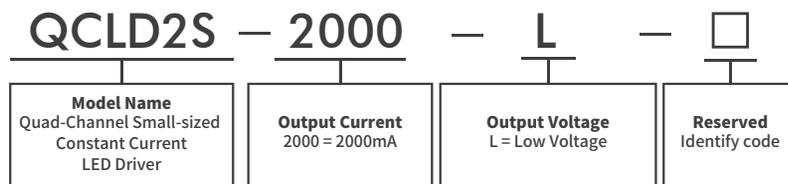
## Quad-Channel Small-sized Constant Current LED Driver



### ◆ Product Features

- USB interface for electrical isolation; ultra-high speed strobe optical receiver
- Wide range of constant current output voltage: DC1.5V~22V(For QCLD2S-L)/DC1.5V~24V(For QCLD2S-LV2)/DC12V~24V(For QCLD2S-LS)
- High-current driving capacity : maximum 2000mA output current per channel
- 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
- QCLD2S-L/LV2 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)
- QCLD2S-LS external pulse switch control : provides external I trigger switch signal to synchronize LED strobe; the minimum width of LED output reaches to 100us; the maximum frequency of strobe output reaches to 10kHz
- LED strobe output width can be adjusted from 4096us of exposure width
- Precision current adjustment resolution : USB interface provides 4096 adjusting current levels
- Each channel provides 256 sets of programmable and non-volatile LUT units to help users quickly correspond different currents and various brightness & characteristic of LED lights

### ◆ Model Guide



### ◆ Specification Table

Model	Input Voltage	Output Voltage	Output Current
QCLD2S-L	DC12V~24V	DC1.5V~22V	500mA
			750mA
			1000mA
			2000mA
QCLD2S-LV2	DC24V	DC1.5V~24V	500mA
			750mA
			1000mA
QCLD2S-LS	DC24V	DC12V~24V	500mA
			750mA
			1000mA

※提供客製化輸出電壓/電流規格

### ◆ Dimensional Drawing

