


DCLD2 Series

Dual-Channel Constant Current LED Driver



• DCLD2



• DCLD2-L 
• DCLD2-LV2
• DCLD2-LS



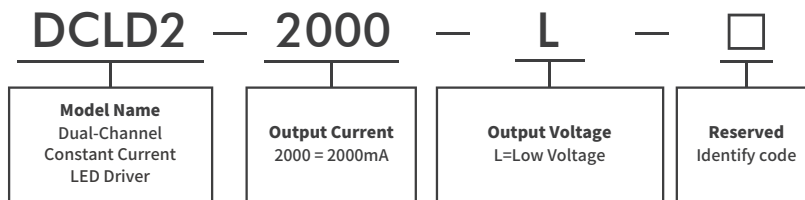
• DCLD2-H



◆ Product Features

- USB interface for electrical isolation : ultra-high speed strobe optical receiver
- Digital knob to adjust output current with 7-segment display indicator : two channels can be adjusted and storage independently
- 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
- Precision current adjustment resolution : digital knob provides 256 adjusting current levels, USB interface provides 4096 adjusting current levels
- LED strobe output width can be adjusted from 1 to 4095us of exposure width
- DCLD2 \ DCLD2-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)
- DCLD2-H/LS external pulse switch control : provides external trigger switch signal to synchronize LED strobe : the minimum width of LED output reaches to 100us : the maximum frequency of strobe output reaches to 10 kHz
- 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
- Pass EMC and CE Safety test : CE compatible (DCLD2-L)

◆ Model Guide

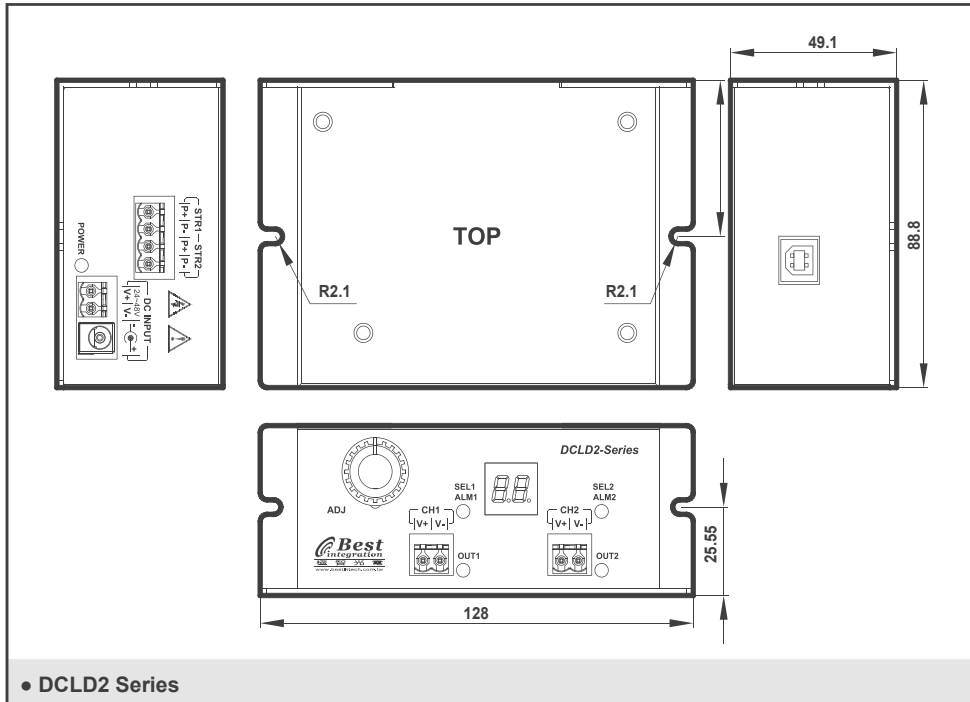


◆ Specification Table

Model	Driver Type	Input Voltage	Output Voltage	Output Current (Max.)
DCLD2	Wide Voltage	DC24V~48V	DC 9V~50V	≤2000mA
DCLD2-L	Low Voltage	DC12V~24V	DC1.5V~22V	≤2000mA
DCLD2-LV2	Low Voltage	DC24V	DC1.5V~24V	≤1500mA
DCLD2-LS	Low Voltage with Strobe Optimized	DC24V	DC12V~24V	≤1500mA
DCLD2-H	High Voltage	DC24V~48V	DC24V~95V	≤1000mA

※提供客製化輸出電壓/電流規格

◆ Dimensional Drawing



◆ Linear Diagram

