

Constant current controller (CPL series, 150 W)

LS-CPL48150B series · Light controllers · 1 model

Two-channel constant current controller with 1000-step brightness adjustment and an opto-isolated high-speed external trigger. The constant current output keeps brightness stable and prolongs light life; suitable for the LS-HCOS series of coaxial lights.



Features

- 1000-step brightness adjustment (0-999)
- Constant on / constant off mode switch to choose the working mode for the application
- External trigger uses high-speed optocoupler isolation for an accurate, highly reliable trigger signal
- Constant current output ensures stable brightness and prolongs light life
- Suitable for the LS-HCOS series of coaxial lights
- Panel keys and RS232 control

Applications

- Driving high-power coaxial lights (LS-HCOS series)

Common specifications

Drive method	Constant current
Operating temperature/humidity	0~40 °C, 20~85% RH (non-condensing)
Storage temperature/humidity	20~60 °C, 20~85% RH (non-condensing)
Cooling	Forced cooling

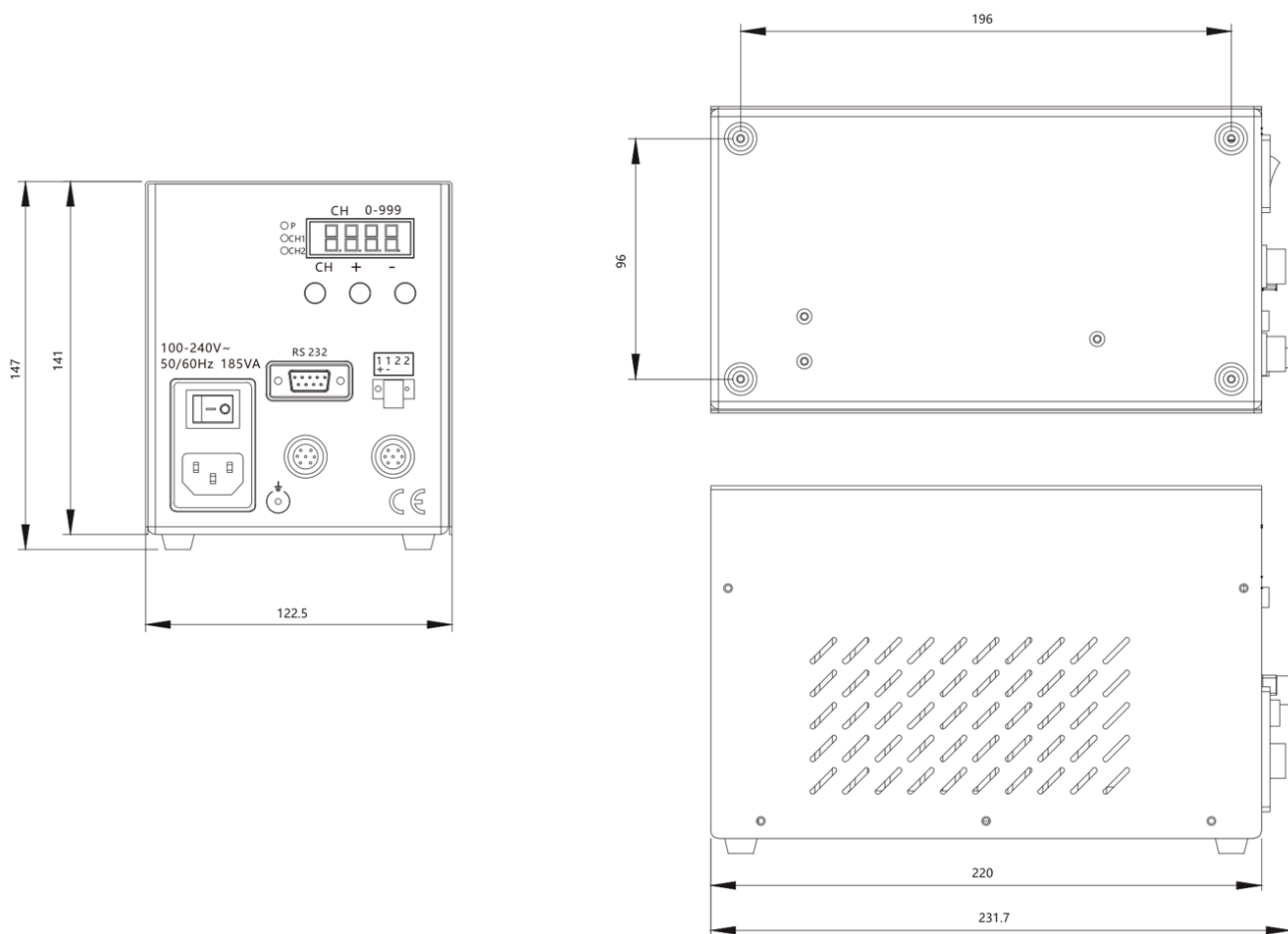
Ordering code: LS-CPL<voltage V><power W><version>-<channels><T = trigger> (e.g. LS-CPL48150B-2T; "G" means overseas version)

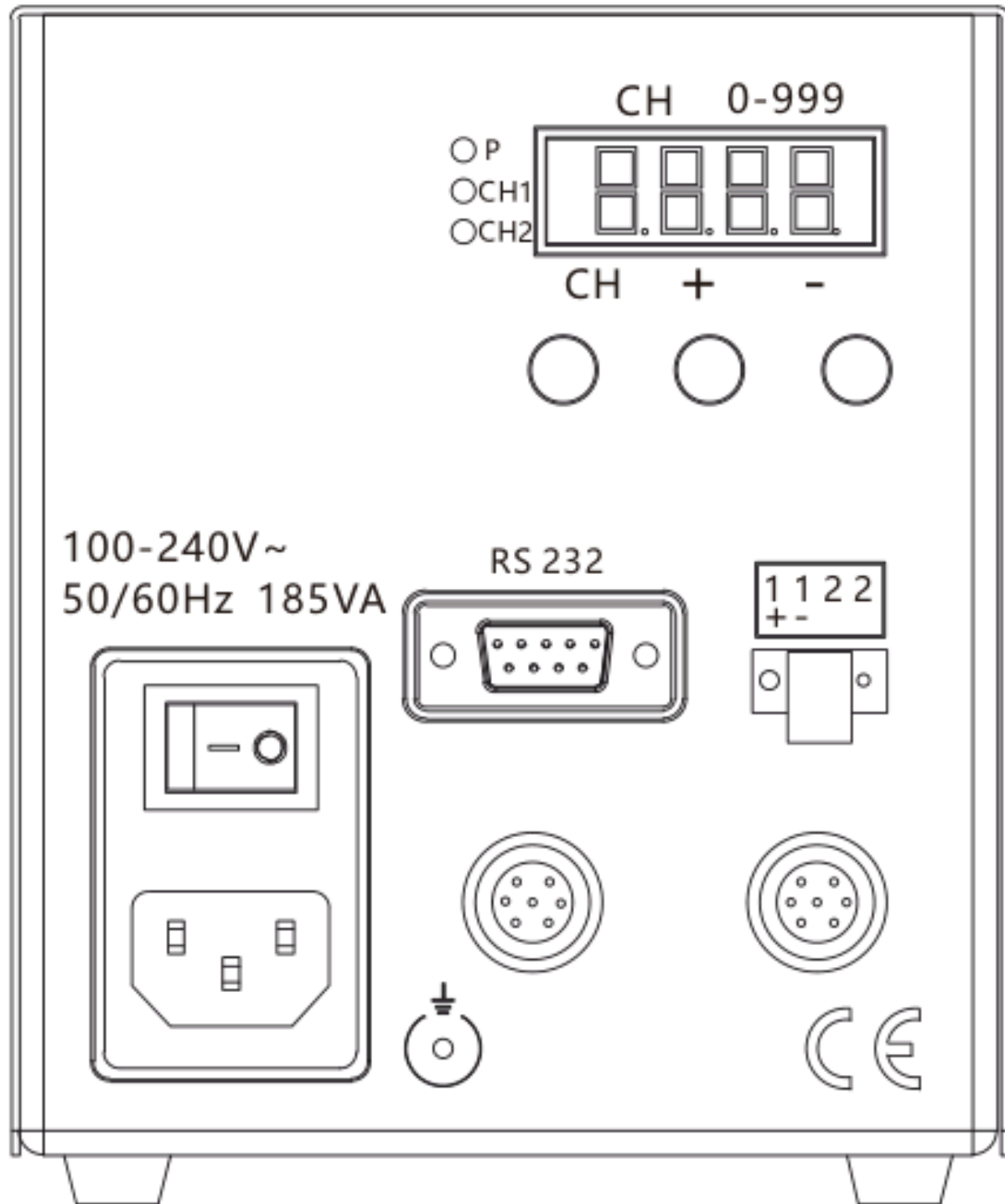
Models

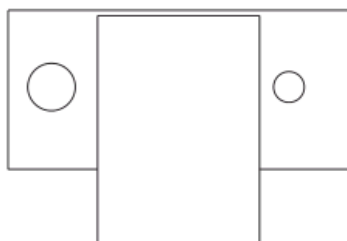
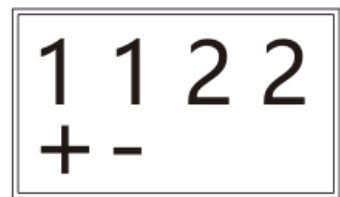
Model	Light control mode	Brightness steps	Input voltage	Channels	Output voltage	Max output	Total power
LS-CPL48150B-2T	Variable current control; Panel key / RS232	1000 (0-999)	AC100-240V 50/60Hz	2	48V	2.8A (single channel maximum current 1.4A)	150W

More values per model (Output port, External trigger voltage, Trigger delay, External trigger port, Front panel rating label, Dimensions (mm), Total output (W)) are on each product page.

Dimensions







Port	Port definitions
1+	Ch1 Channel external trigger input positive pole
1-	Ch1 channel external trigger input negative
2+	Ch2 Channel external trigger input positive pole
2-	Ch2channel external trigger input negative

Performance

