

Constant current controller (CPL series, C version)

LS-CPL48-C series · Light controllers · 2 models



Two-channel high-power constant current controller with 256-step (0-255) brightness adjustment by buttons, RS232 or Ethernet. The constant current output keeps brightness stable and prolongs light life; the external trigger is opto-isolated and settings are saved on power failure.

Features

- Constant current output ensures stable brightness and prolongs light life
- 256-step (0-255) brightness adjustment by buttons, RS232 or Ethernet
- Positive-pole / negative-pole trigger switch to choose the working mode for the application
- External trigger uses high-speed optocoupler isolation for an accurate, highly reliable trigger signal
- Power failure saving function
- 4 x M3 floor mats on the base (mats need to be removed for mounting)

Common specifications

Drive method	Constant current
Channels	2
Output voltage	48V
Input voltage	AC100-240V 50/60Hz
External trigger voltage	DC5V~24V (current about 6mA)
Trigger delay	<100us
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-CPL48320C-2T; "G" means overseas version)

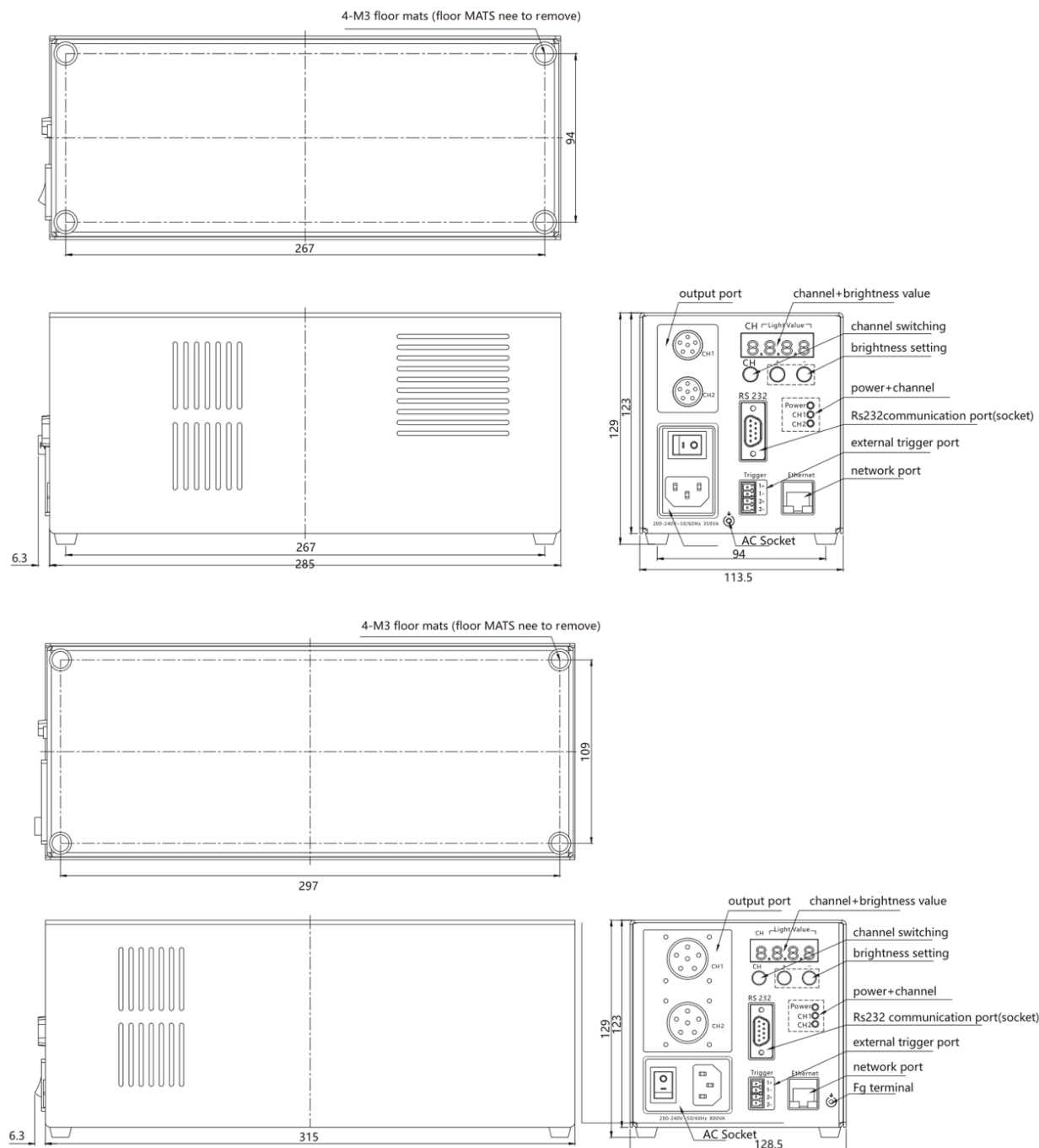
Models

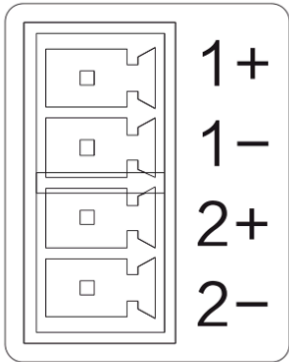
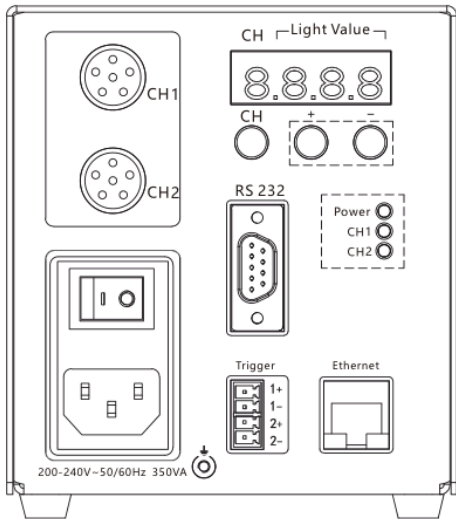
Model	Max output	Total power	Output port	Front panel rating label	Dimensions (mm)	Total output (W)
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LS-CPL48320C-2T	6.8A (3.4A)	320W	dia.16 air head (aviation connector)	200-240V~50/60Hz 350VA	285 L x 113.5 W x 129 H (body 267 L, 123 H; 6.3 front protrusion; mounting holes 267 x 94)	320
LS-CPL48760C-2T	15.8A (single channel maximum current 7.9A)	760W	dia.24 air head (aviation connector)	200-240V~50/60Hz 800VA (dimension drawing); front panel view shows 350VA	315 L x 128.5 W x 129 H (123 panel H; 6.3 front protrusion; mounting holes 297 x 109); Fg (ground) terminal on front	760

More values per model (Light control mode, Brightness steps, External trigger port) are on each product page.

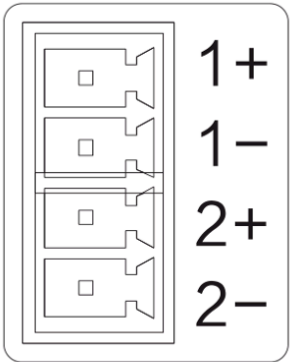
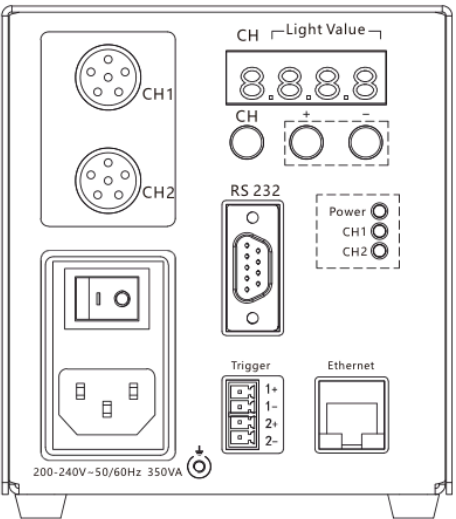
Dimensions





LS-CPL48320C-2T

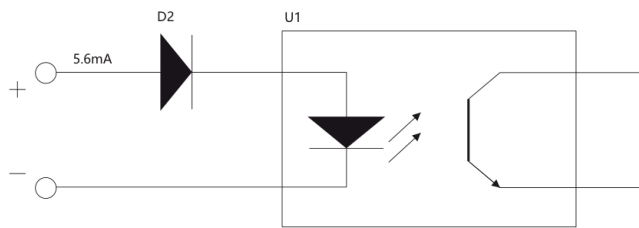
Port	Port definition
1+	Ch1 Channel external trigger input positive pole
1-	Ch1 channel external trigger input negative
2+	Ch2 channel external trigger input positive pole
2-	Ch2 channel external trigger input negative



LS-CPL48760C-2T

Port	Port definition
1+	Ch1channel external trigger signal positive pole
1-	CH1external trigger signal negative
2+	Ch2 external trigger signal positive pole
2-	Ch2External trigger signal negative

Performance



Product views



