Controller specification list

Analog controller | Digital controller | Constant current controller | Brighten strobe controller

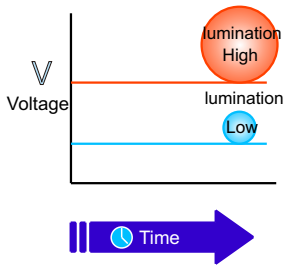
Accommoda-tion mode	Series	Model	Channels number	Communica-tion mode	Output voltage	Single channel output current	One way Max. output power	Total output power	External trigger support		Power supply input voltage
Constant voltage	Alternate strobe controller (P.160)	LTS-2DRC24200-2S	2ch	RS232	24V	–	200W	200W	Y	5-24V	AC 100-240V
		LTS-2DRC24200-4S	4ch	RS232	24V	–	200W	200W	Y	5-24V	AC 100-240V
	PS small power (P.156) High cost-effective	LTS-PS2424-1	1ch	–	12-24V	–	24W	24W	Y	0-1.5V	AC 100-240V
		LTS-PS2424-2	2ch	–	12-24V	–	24W	24W	Y	0-1.5V	AC 100-240V
		LTS-PS2424-4	4ch	–	12-24V	–	24W	24W	Y	0-1.5V	AC 100-240V
	APC controller box (P.164)	LTS-APC2424-2F	2ch	–	12-24V	–	24W	48W	Y	0-1.5V	DC 24V
		LTS-APC2430-2F	2ch	–	12-24V	–	30W	60W	Y	0-1.5V	DC 24V
		LTS-APC24200-1F	1ch	–	12-24V	–	200W	200W	Y	5-24V	DC 24V
	2APC small power (P.168)	LTS-2APC2424-1	1ch	–	12-24V	–	24W	24W	Y	0-1.5V	AC 100-240V
		LTS-2APC2424-2	2ch	–	12-24V	–	24W	24W	Y	0-1.5V	AC 100-240V
		LTS-2APC2424-4	4ch	–	12-24V	–	24W	24W	Y	0-1.5V	AC 100-240V
	2APC medium power (P.168)	LTS-2APC2460-1	1ch	–	12-24V	–	60W	60W	Y	0-1.5V	AC 100-240V
		LTS-2APC2460-2	2ch	–	12-24V	–	30W	60W	Y	0-1.5V	AC 100-240V
		LTS-2APC2460-4	4ch	–	12-24V	–	24W	60W	Y	0-1.5V	AC 100-240V
		LTS-2APC2460-6	6ch	–	12-24V	–	24W	60W	Y	0-1.5V	AC 100-240V
		LTS-2APC24120-1	1ch	–	12-24V	–	120W	120W	Y	5-24V	AC 100-240V
		LTS-2APC24120-2	2ch	–	12-24V	–	60W	120W	Y	5-24V	AC 100-240V
		LTS-2APC24120-8	8ch	–	12-24V	–	24W	120W	Y	0-1.5V	AC 100-240V
	2APC high power (P.168)	LTS-2APC24200-1	1ch	–	12-24V	–	200W	200W	Y	5-24V	AC 100-240V
		LTS-2APC24400-1	1ch	–	12-24V	–	400W	400W	Y	5-24V	AC 200-240V
		LTS-2APC24400-2	2ch	–	12-24V	–	200W	400W	Y	5-24V	AC 200-240V
PWM	DPC controller box (P.166)	LTS-DPC2460-4F	4ch	RS232	0-24V	–	30W	60W	Y	5-24V	DC 24V
	PD medium power (P.158) High cost-effective	LTS-PD2460-4	4ch	RS232	0-24V	–	40W	60W	Y	5-24V	AC 100-240V
		LTS-PD24120-8	8ch	RS232	0-24V	–	60W	120W	Y	5-24V	AC 100-240V
	2DPC medium power (P.175)	LTS-2DPC2460-2S	2ch	RS232	0-24V	–	40W	60W	Y	5-24V	AC 100-240V
		LTS-2DPC2460-4S	4ch	RS232	0-24V	–	40W	60W	Y	5-24V	AC 100-240V
		LTS-2DPC2475-8S	8ch	RS232	0-24V	–	40W	75W	Y	5-24V	AC 100-240V
	2DPC high power (P.175)	LTS-2DPC24120-8S	8ch	RS232	0-24V	–	60W	120W	Y	5-24V	AC 100-240V
		LTS-2DPC24200-4S	4ch	RS232	0-24V	–	60W	200W	Y	5-24V	AC 100-240V
		LTS-2DPC24200-8S	8ch	RS232	0-24V	–	60W	200W	Y	5-24V	AC 100-240V
		LTS-2DPC24400-2S	2ch	RS232	0-24V	–	200W	400W	Y	5-24V	AC 200-240V
		LTS-2DPC48600-2S	2ch	RS232	0-24V	–	300W	600W	Y	5-24V	AC 170-264V
Constant current	2ACC small power (P.173)	LTS-2ACC350-2	2ch	RS232	–	0-350mA	1W	2W	Y	0-1.5V	AC 100-240V
		LTS-2ACC700-2	2ch	RS232	–	0-700mA	2W	4W	Y	0-1.5V	AC 100-240V
		LTS-2ACC350-4	4ch	RS232	–	0-350mA	1W	4W	Y	5-24V	AC 100-240V
		LTS-2ACC700-4	4ch	RS232	–	0-700mA	2W	8W	Y	5-24V	AC 100-240V
		LTS-2ACC1000-4	4ch	RS232	–	0-1000mA	3W	12W	Y	5-24V	AC 100-240V
		LTS-2ACC1500-2	2ch	RS232	–	0-1500mA	5W	10W	Y	0-1.5V	AC 100-240V
		LTS-2ACC2500-2	2ch	RS232	–	0-2500mA	8W	16W	Y	0-1.5V	AC 100-240V
	DPA high power (P.171)	LTS-DPA24200-1S	1ch	RS232, LAN	–	0-8A	200W	200W	Y	5-24V	AC 90-264V
		LTS-DPA24400-1S	1ch	RS232, LAN	–	0-16A	400W	400W	Y	5-24V	AC 90-264V
		LTS-DPA24400-2S	2ch	RS232, LAN	–	0-8A	200W	400W	Y	5-24V	AC 90-264V
		LTS-DPA48600-1S	1ch	RS232, LAN	–	0-10.4A	500W	500W	Y	5-24V	AC 100-240V
		LTS-DPA481000-1S	1ch	RS232, LAN	–	0-16.6A	800W	800W	Y	5-24V	AC 100-240V
		LTS-DPA481200-1S	1ch	RS232, LAN	–	0-25A	1200W	1200W	Y	5-24V	AC 180-264V

Controller specification list

Accommoda-tion mode	Series	Model	Channels number	Communica-tion mode	Output voltage	Single channel output current	One way Max. output power	Total output power	External trigger support		Power supply input voltage
Brighten strobe	3STU series (P.162)	LTS-3STU4860-2	2ch	RS232	48V	–	30W	60W	Y	5-24V	AC 100-240V
		LTS-3STU48200-2	2ch	RS232	48V	–	100W	200W	Y	5-24V	AC 100-240V
		LTS-3STU48200-4	4ch	RS232	48V	–	60W	200W	Y	5-24V	AC 100-240V

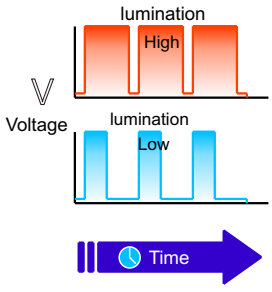
Accommodation mode of controller

Constant voltage



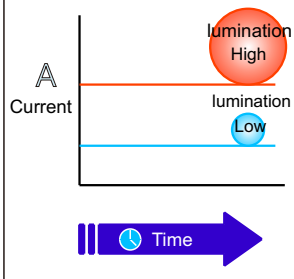
- Adjust luminance by voltage change
- Keep constant set-up voltage
- Adapted to line scan camera (sensor)
- Adapted to high speed shutter camera

PWM



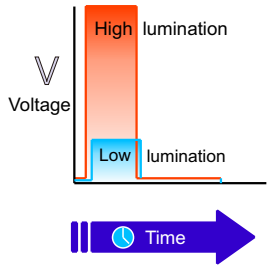
- Adjust luminance by PWM duty radio change
- Shorten the lighting time, low heat, long life-span
- Adapted to area-scan camera

Constant current



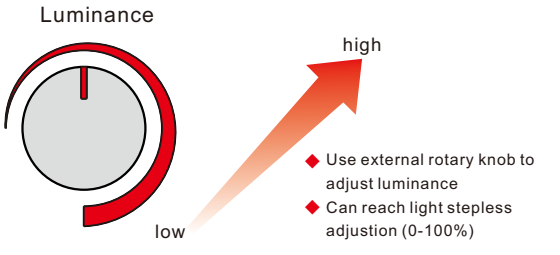
- Adjust luminance by current change
- With current self-detection function
- Adapted to line scan camera (sensor)
- Adapted to high speed shutter camera

Brighten strobe

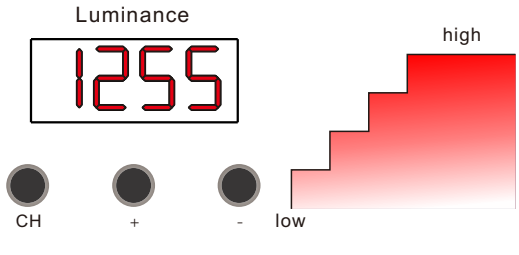


- Brighten light by giving 48V voltage in an instant
- Lighting time from 0 to 999us
- Lighting in an instant, luminance up to twice than before
- Control the lighting time, to extend the life-span

Accommodation mode of controller

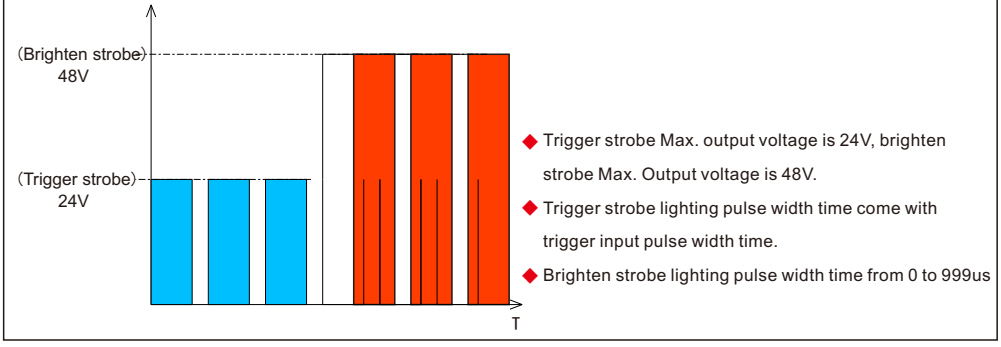


- Use external rotary knob to adjust luminance
- Can reach light stepless adjustion (0-100%)



- Use external key to adjust luminance
- Adjust luminance by RS232
- Can reach 256 level adjustion

The difference of trigger strobe and brighten strobe



- Trigger strobe Max. output voltage is 24V, brighten strobe Max. Output voltage is 48V.
- Trigger strobe lighting pulse width time come with trigger input pulse width time.
- Brighten strobe lighting pulse width time from 0 to 999us