

LED Current Selection

DIP switch for 16 optional currents' quick selection(see the table below).

Choose current via DIP switch

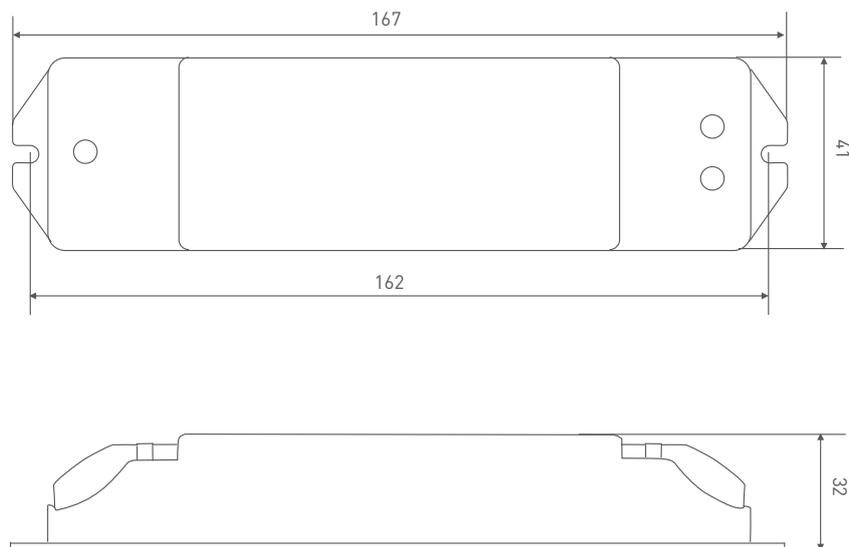


SE-20-250-1000-W2A2	DIP switch	⬇⬇⬇⬇	⬇⬇⬇⬆	⬇⬇⬆⬇	⬇⬆⬆⬆	⬆⬆⬆⬇	⬆⬆⬆⬆	⬆⬆⬆⬆	⬆⬆⬆⬆	ON ⬆
	Output current	250mA	300mA	350mA	400mA	450mA	500mA	550mA	600mA	
	Output voltage	9-54V	9-54V	9-54V	9-50V	9-45V	9-40V	9-37V	9-34V	
	Output power	2.25-13.5W	2.7-16.2W	3.15-18.9W	3.6-20W	4.05-20.25W	4.5-20W	4.95-20.35W	5.4-20.4W	
	DIP switch	⬆⬆⬆⬆	⬆⬆⬆⬆	⬆⬆⬆⬆	⬆⬆⬆⬆	⬆⬆⬆⬆	⬆⬆⬆⬆	⬆⬆⬆⬆	⬆⬆⬆⬆	OFF ⬆
	Output current	650mA	700mA	750mA	800mA	850mA	900mA	950mA	1000mA	
	Output voltage	9-31V	9-29V	9-27V	9-25V	9-24V	9-22V	9-21V	9-20V	
	Output power	5.85-20.15W	6.3-20.3W	6.75-20.25W	7.2-20W	7.65-20.4W	8.1-19.8W	8.55-19.95W	9-20W	

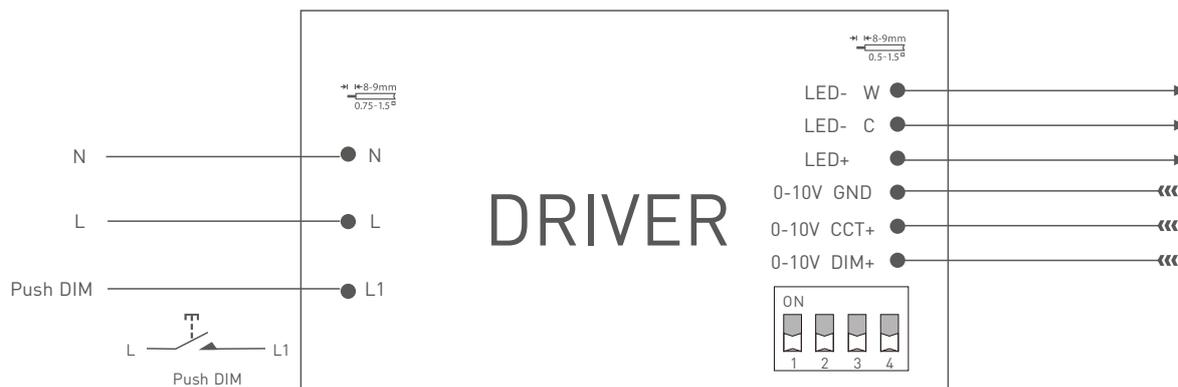
* Please choose the current value when the driver is power off.

Dimensions

Unit: mm



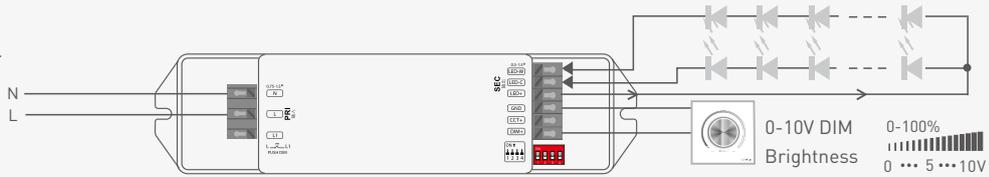
Wiring diagram



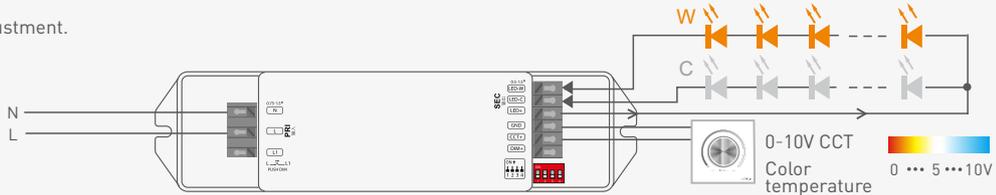
Wiring diagram

0-10V connection

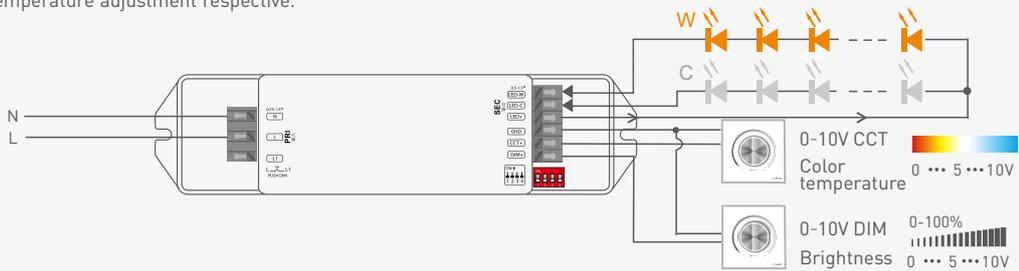
1. Brightness adjustment.



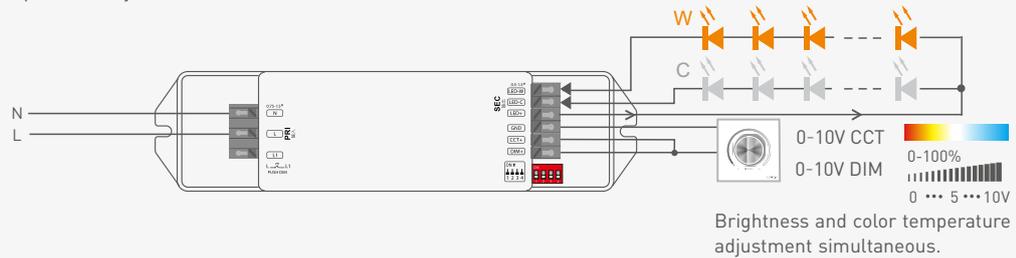
2. Color temperature adjustment.



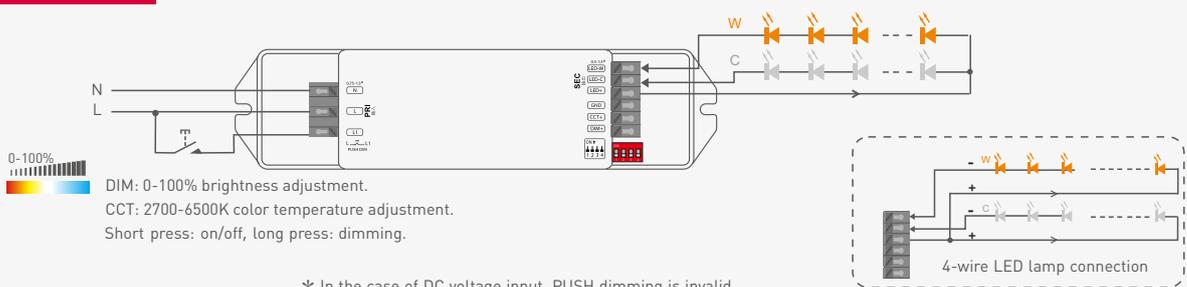
3. Brightness and color temperature adjustment respective.



4. Brightness and color temperature adjustment simultaneous.



Push DIM/CCT connection



* In the case of DC voltage input, PUSH dimming is invalid.

Dimming interface priority: First 0-10V, next Push DIM/CCT.

* Adopting constant power program design, it keeps the same brightness in color temperature dimming, twice the rated power load can be connected.
20W driver, 20W × 2CH load can be connected, the total power of the 2 channels will be kept in 20W.



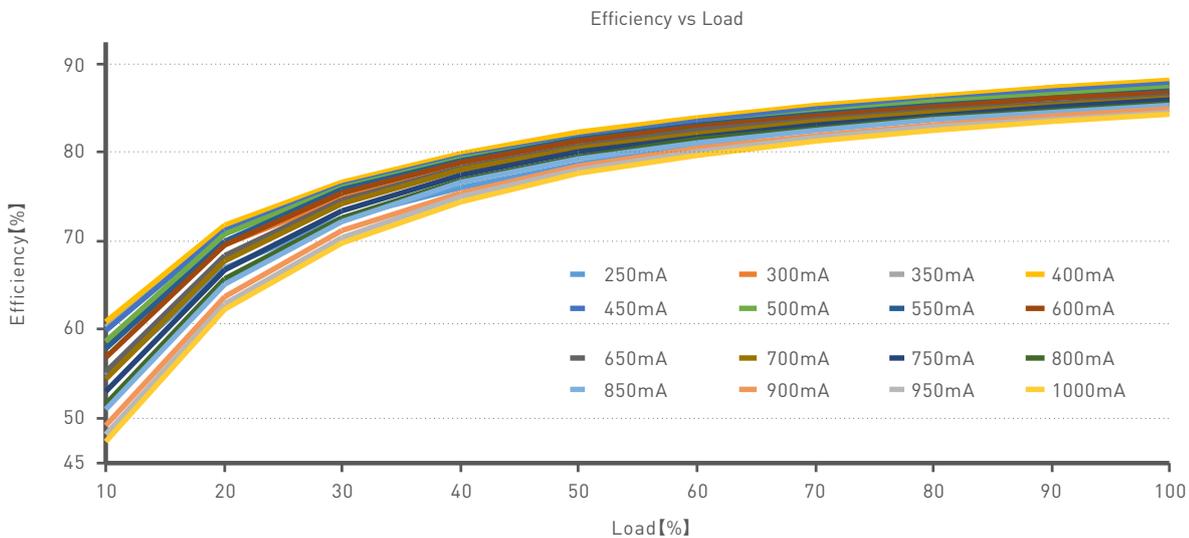
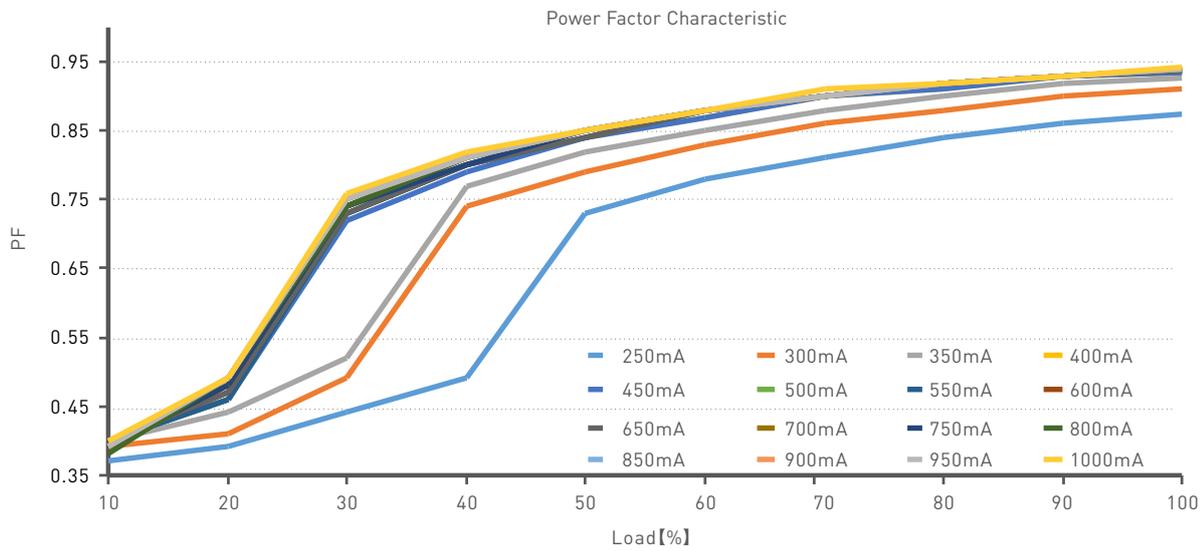
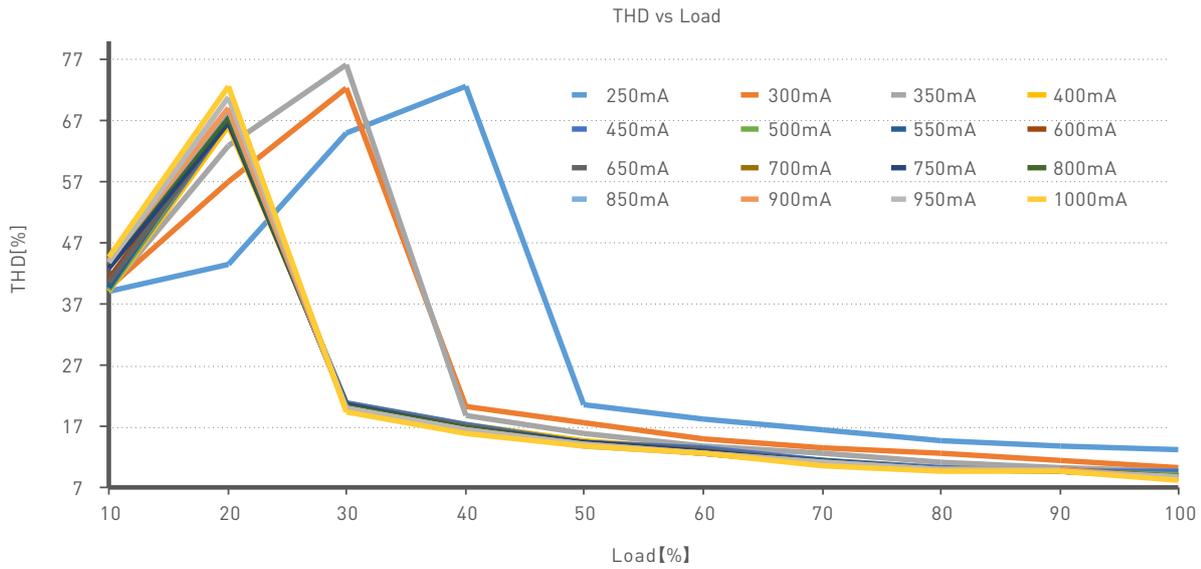
Push DIM/CCT



Reset switch

- On/off control: Short press.
- Stepless DIM/CT: Long press.
- With every other long press, the light level goes to the opposite direction.
- Dimming memory: Brightness will be the same as previously adjusted when turning off and on again.

Relationship diagrams



Flicker Test Form

IEEE 1789

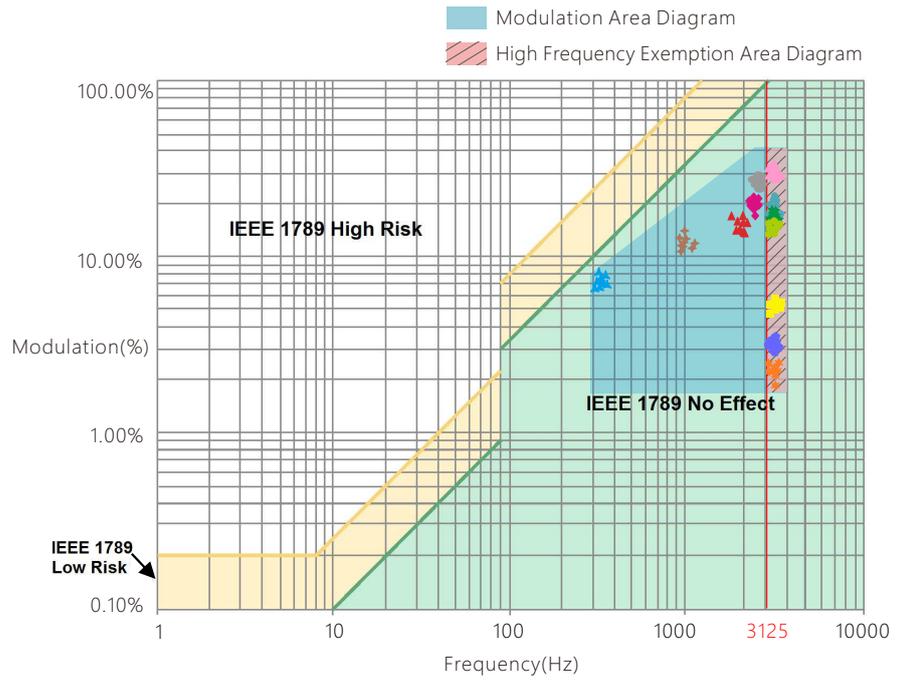
Limit of Modulation in low risk area	
Waveform frequency of Optical output	limit (%)
$f \leq 8\text{Hz}$	0.2
$8\text{Hz} < f \leq 90\text{Hz}$	$0.025 \times f$
$90\text{Hz} < f \leq 1250\text{Hz}$	$0.08 \times f$
$f > 1250\text{Hz}$	Exemption assessment
Limit of Modulation in no effect area	
Waveform frequency of Optical output	limit (%)
$f \leq 10\text{Hz}$	0.1
$10\text{Hz} < f \leq 90\text{Hz}$	$0.01 \times f$
$90\text{Hz} < f \leq 3125\text{Hz}$	$(0.08/2.5) \times f$
$f > 3125\text{Hz}$	Exemption assessment (High frequency exemption)

Brightness

- ▲ 0.1%
- ◆ 1%
- ▲ 5%
- ◆ 10%
- 20%
- ▲ 30%
- 40%
- ★ 50%
- 60%
- 70%
- ◆ 80%
- ★ 90%
- ◆ 100%

Marks in the right chart were tested results of different current ranges.

The output frequency is 0Hz in 100% brightness and its corresponding modulation is 0%, which could not be shown in the right chart.



* No further notice if any changes in the manual. Product function depends on the goods. Please feel free to contact your supplier if any question.