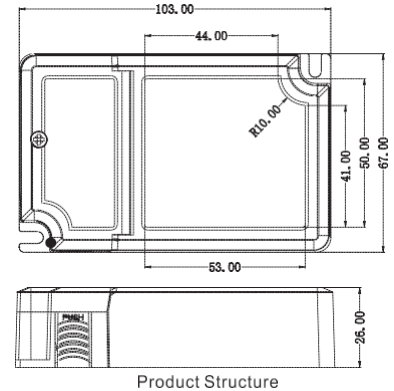
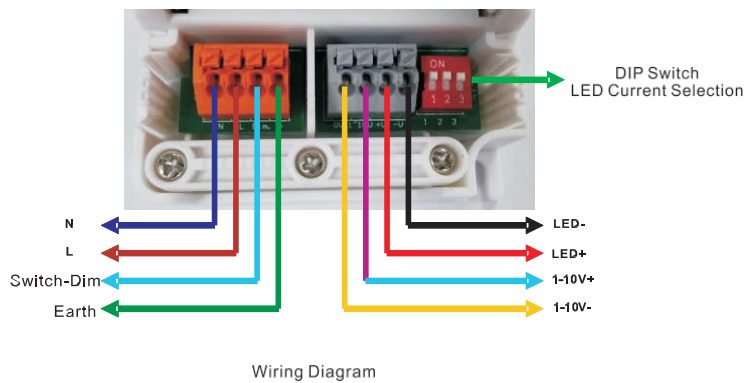


External constant current power supply series

The 30W Smart Dimming power

Product Features

- The output current can be adjusted via DIP switch, a total of eight current gear for your choice.
- Push button dimmer, with memory function in case of power-down.
- 1-10V signal dimming.
- Dimming can be controlled by multiple controllers working synchronically.
- High-current power, low THD percentage
- Protection features include short circuit, over-temperature, and over-voltage.
- Life of up to 30,000 hours or more.
- Comply with CE, UL, CQC certification requirements.



Adjust the current by DIP switch

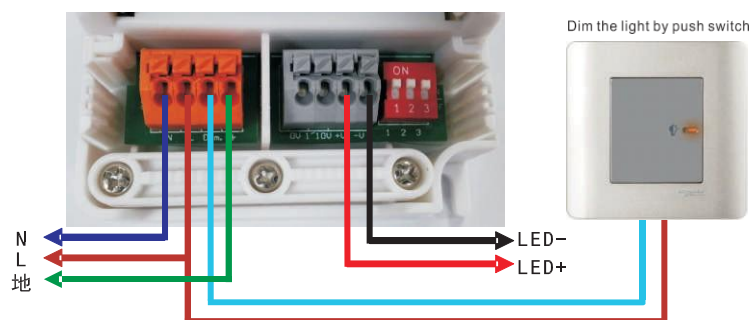
LED Current Selection

Select the appropriate current range with DIP switch.

	1	2	3	Electric current
I	○	○	○	250mA
II	●	○	○	350mA
III	○	●	○	400mA
IV	○	○	●	450mA
V	●	●	○	500mA
VI	●	○	●	550mA
VII	○	●	●	600mA
VIII	●	●	●	700mA

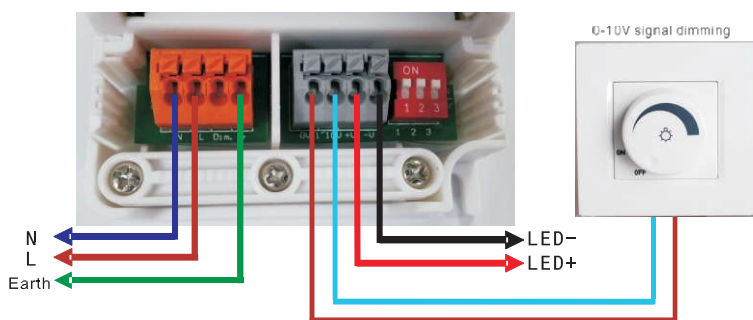


Dim the light by push switch Dim the light by push switch



- Power On/Off : Turn on the power or turn it into standby mode by pressing the switch for less than 1s.
- Change the brightness level from 1%-100% or from 100%-1% by pressing the switch for more than 1s.
- Memory function remembers last selected brightness level.

0-10V Signal Dimming



- 0-1V signal shuts down output and turn into standby mode.
- 1-10V signal controls smooth dimming

Synchronous Dimming Function

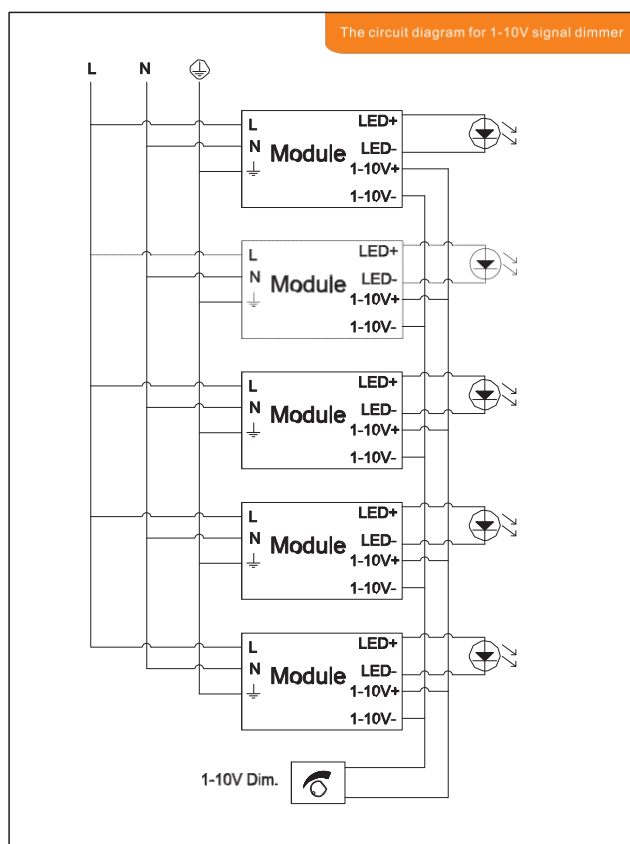
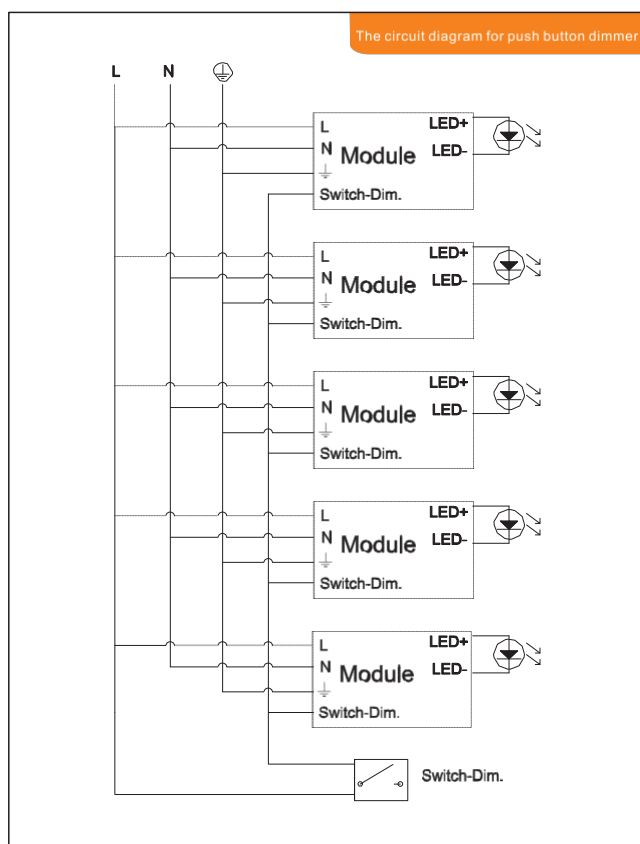
Multiple powers can dim the light synchronously: up to 10 dimmer controllers can function synchronously, and no any additional devices are needed in this process.

Two ways of connection: push button dimmer and 0-10V signal dimmer.

As shown in the following figure:

External constant current power supply series

The 30W Smart Dimming power



Technical parameters

Parameter Name	Model	Output Voltage (V)	Current output (MA)	Accuracy of current range	Conversion Efficiency (%)	Power Factor (%)	Shell size
30W Smart Dimming power	BK-PF-030WA700-B10	58VDCMax	700mA Max	±3%-5%	0.85	0.91	L103xW67xH26mm

Note: the above typical specifications, more specifications, please call consultation. Note: the above typical specifications, more specifications, please call consultation.

Range of AC Input Voltage	100–120VAC/200–240VAC
AC Inrush Current Test	Cold Boot, <30A&240VAC
Overload Protection	Range: 110- 130% rated output current/Model: Hiccup mode& Automatic recovery
Short Circuit Protection	Hiccup mode& Automatic recovery



Withstand Voltage	I/P-O/P:1750VAC 5mA
Operating TemperatureOperating Temperature	-20- +50℃
Mean time between failures	>30000H MIL-HDBK-217F 25℃)
Meet the certification	CE UL CQC
Conform to Safety Standards	EN61347-1,EN61347-2-13
PF Value	≥0.91
Harmonic	≤18%
Conversion efficiency	85%
Connector	Input:orange 4-pin terminal
	Output orange 4-pin terminal
Shell Size	L103xW67xH26mm
Product weight	150g
Packaging	66pcs/box Size:L450xW350xH180mm