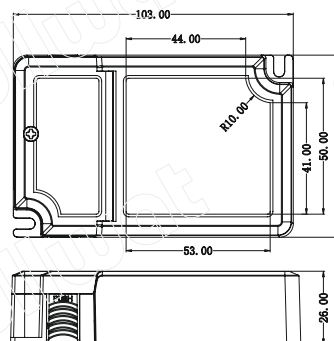
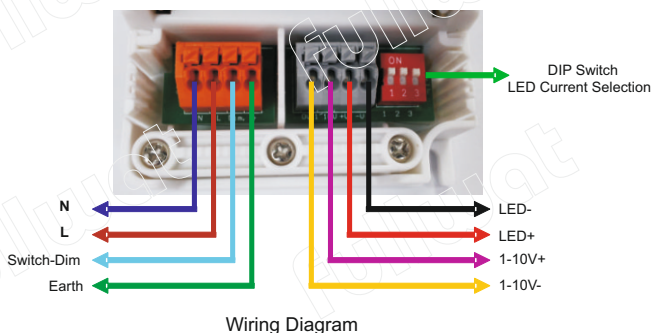


The 30W Smart Dimming power External constant current power supply series



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.
- Multiple controllers can work simultaneously.
- High power factor, low THD.
- Protection features include short circuit, over-temperature, and over-voltage.
- Life of up to 50,000 hours or more.
- Comply with CE, UL, CQC certification requirements.



Adjust the current by DIP switch

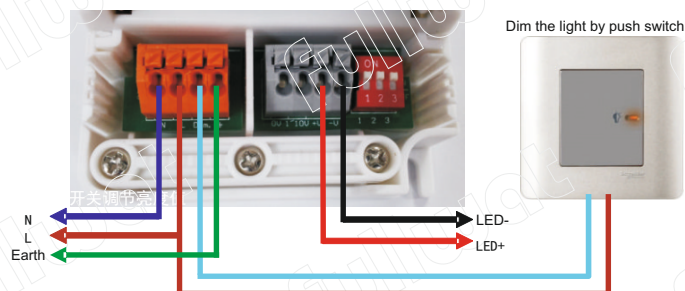
LED Current Selection

Select the appropriate current range with DIP switch.



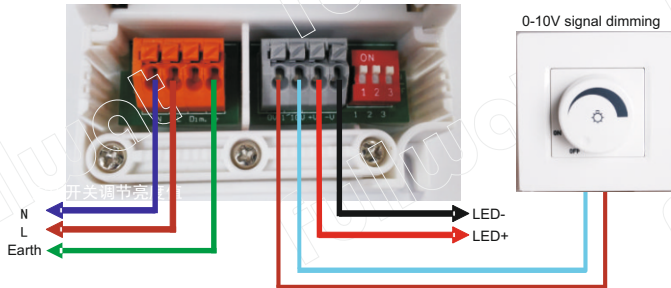
	1	2	3	Electric current
I	○	○	○	250mA
II	●	○	○	350mA
III	○	●	○	400mA
IV	○	○	●	450mA
V	●	●	○	500mA
VI	●	○	●	550mA
VII	○	●	●	600mA
VIII	●	●	●	700mA

Dim the light by push switch



- 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.

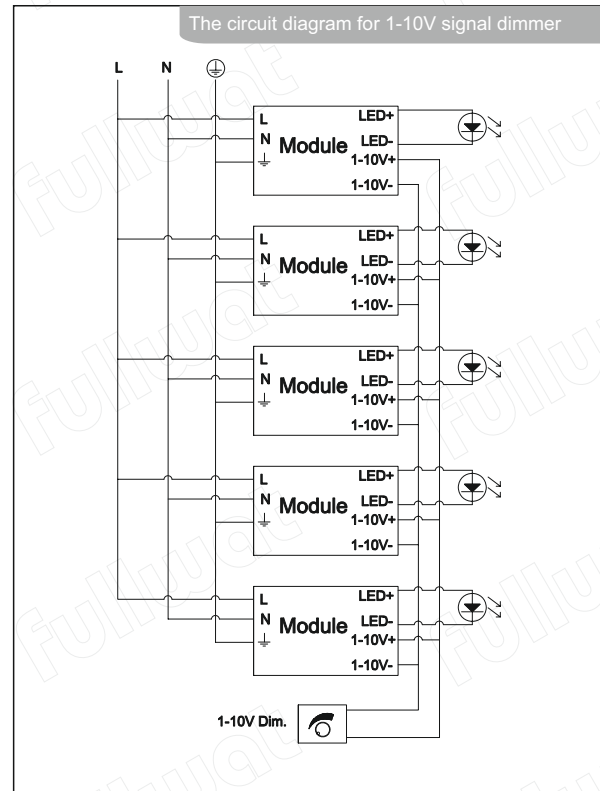
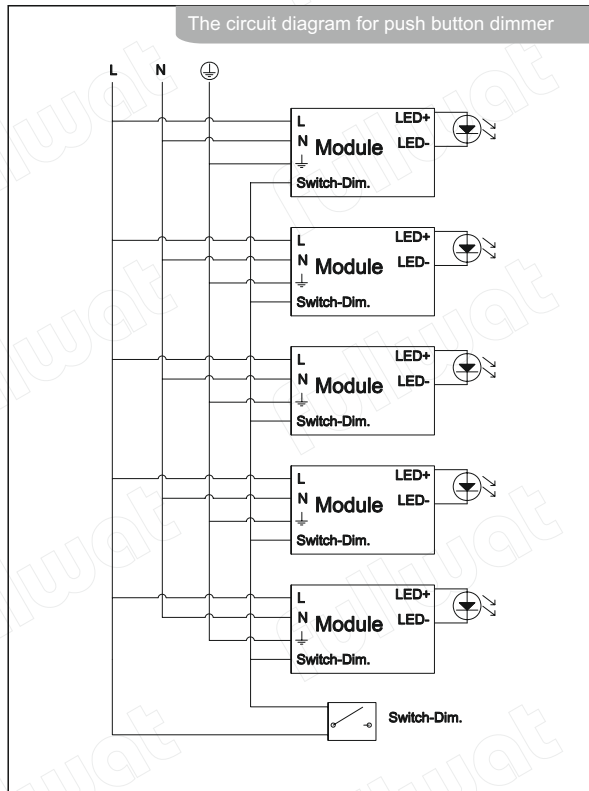
0-10V Signal Dimming



- 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 controllers can function synchronously, and no any additional devices are needed in this process. Two ways of connection: push button dimmer and 1-10V signal dimmer. As shown in the following figure:



Product Parameters

1 Typical Model

Model	Output Voltage	Output Current	Current accuracy range	Conversion Efficiency (%)	Power Factor
KOM010-AC-30-CC	58VDC Max	700mA Max	±3%-5%	85	0.91

2 Product Characters

Range of AC Input Voltage	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 Temperature	-20- +50°C
Mean time between failures	>50000H MIL-HDBK-217F 25°C)
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