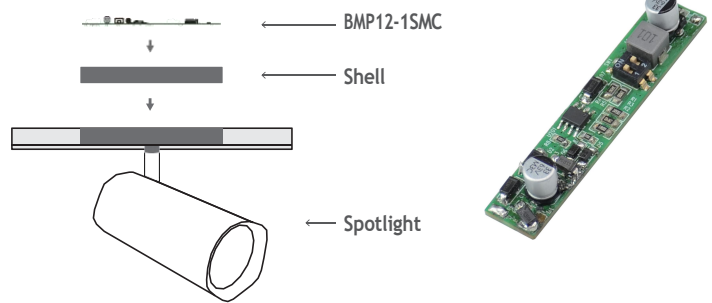


BMP12-1SMC

BMP12-1SMC is a DC/DC constant current output LED driver. The output current can be set via DIP switch.

Product Feature

- Output current 150-300mA, can be set via DIP switch
- Short circuit protection, overload protection, no load protection, input reverse connection
- Built-in driver
- Hot plug for input port and non polarized



Technical Parameters

Model	BMP12-1SMC	
Input	Efficiency	91%
	Voltage	48VDC
	Current	0.75Amax@48VDC, full load
	Standby Power	<0.3W
Output	Current/Voltage/Power	150mA/24-42VDC/6W 200mA/24-42VDC/8W 250mA/24-42VDC/10W 300mA/24-42VDC/12W
	Accuracy	±5%(24-42VDC)
	Out put If current ripple(< 120Hz)	Same as LF ripple on 48V bus
	Channel	1
Protection	No-load operation	The led driver will not be damaged in no-load operation
	Short circuit	Shut down the output self-recovery after removing the fault
	Over load	When the output voltage is exceeded, the output current decreases and, recovers automatically when the load is reduced.
	Input reverse connection	Operation normally
	Hot plug	Input Support
Others	Pcb Dimension	63.2*12*9.5mm (L*W*H)
	Packing(weight)	Net weight: 15g±5%/PCS; 200PCS/Carton; 3.7kg±5%/Carton; Carton Size: 276*180*136mm(L*W*H)
	Operating Temperature	-20°C ~ 50°C
	Tc	90°C
	Life	30000 hours @ta:50 °C
	Storage Temperature	-40-80°C
	Relative Humidity	20-90% RH

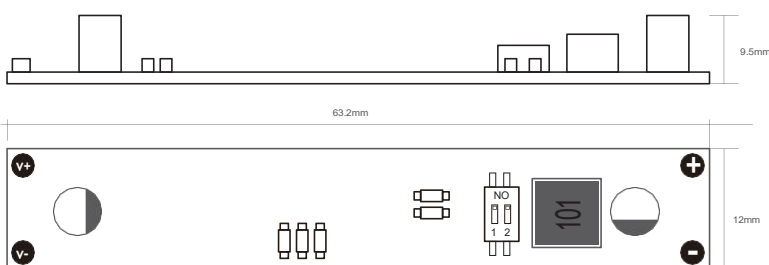
Safety Standard :

- EN 61347-1
- EN 61347-2-13
- EN 62384
- EN 62386-101
- EN 62386-102
- EN 62386-207

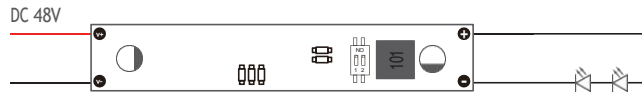
Suitable For Stucchi

- STUCCHI
- 9519-166/...
- 9519-166-k/..

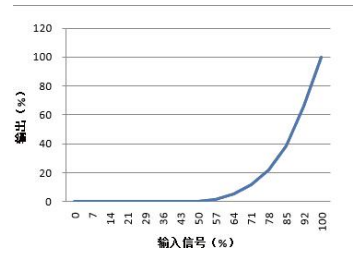
Dimension(mm)



Wiring Diagram



Dimming Curve



Current Selection Table

ON	OFF	150mA	200mA	250mA	300mA
		24-42V	24-42V	24-42V	24-42V

Remark: Function default setting is: 150mA (@switch are all OFF state)

Warning

1. Due to safety concerns, cord of 0.75-1.5mm² is recommended.
2. Ensure all wire connections and polarities are correct before applying power to avoid any damages to the LED lights.
3. In case of malfunction, do not repair it yourself

※ The contents of this manual are updated without prior notice. If the function of the product you are using is inconsistent with the instructions, the function of the product shall prevail. Please contact us if you have any questions.