

BMP28D-2SMC-S (Product No.:202100061101)

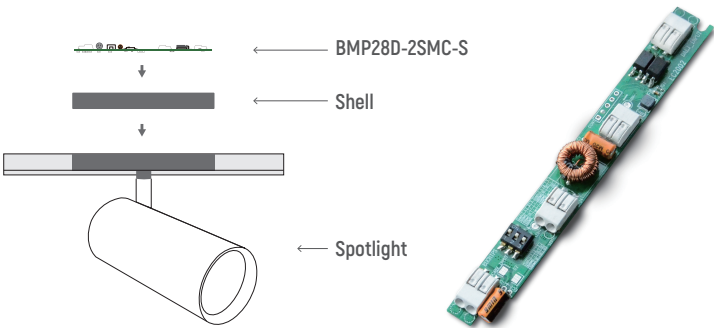
BMP28D-2SMC-S is a DC/DC constant current output LED driver.The output current can be set via DIP switch.It can be controlled by DALI master, and the dimming curve is smooth and flicker free.

Product Feature

- Output current 350-700mA, can be set via DIP switch
- Compliant with DALI 2.0 standard protocol
- Mixed dimming PWM+CCR, no flicker
- 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	BMP28D-2SMC-S				
Input	Efficiency	93%			
	Voltage	45V-51VDC			
	Current	0.63Amax@48VDC, full load			
	Standby Power	<0.3W			
Output	Current/Voltage/Power	350mA/9-40VDC/14W 400mA/9-40VDC/16W	450mA/9-40VDC/18W 500mA/9-40VDC/20W	550mA/9-40VDC/22W 600mA/9-40VDC/24W	650mA/9-40VDC/26W 700mA/9-40VDC/28W
	Accuracy	±8%[9-40VDC]			
	Out put lf current ripple(< 120Hz)	Same as LF ripple on 48V bus			
	Channel	2			
Function	Dimming mode	DALI Dimming			
	Dimming depth	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	125*14*10mm (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℃ ~ 60℃			
	Tc	90℃			
	Life	50000 hours @ta:50℃			
	Storage Temperature	-40~80℃			
	Relative Humidity	20~90% RH			



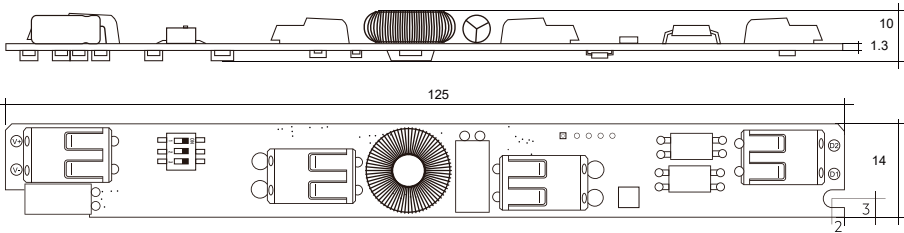
Safety Standard :

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

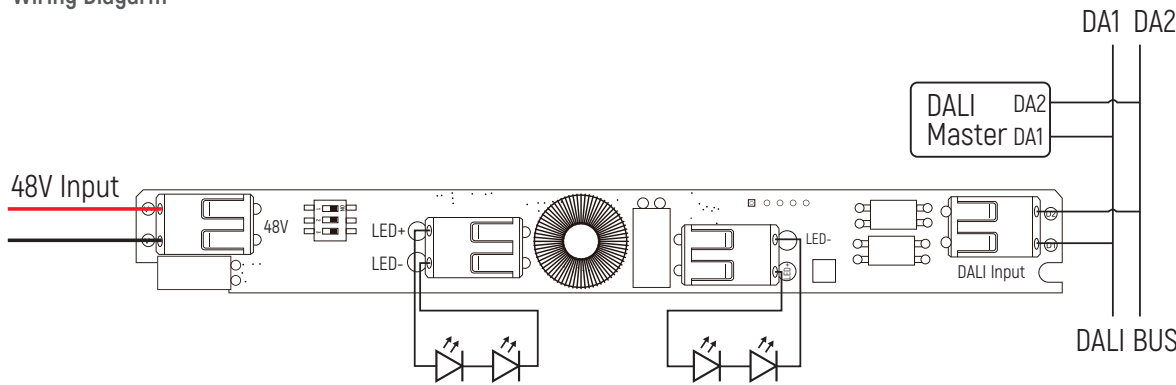
Suitable For Stucchi

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

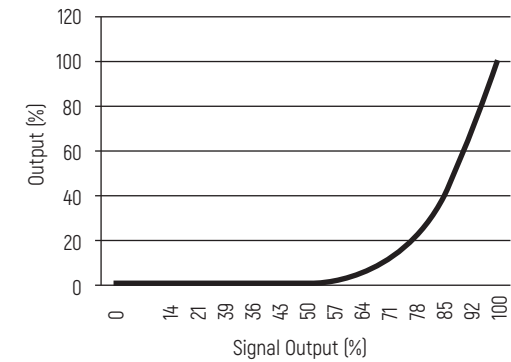
Dimension(mm)



Wiring Diagram



Dimming Curve



Current Selection Table

ON	OFF	1	2	3	4	5	6	7	8	9
		350mA	400mA	450mA	500mA	550mA	600mA	650mA	700mA	
		9-40V	9-40V	9-40V	9-40V	9-40V	9-40V	9-40V	9-40V	

Remark: Function default setting is: 350mA (@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.