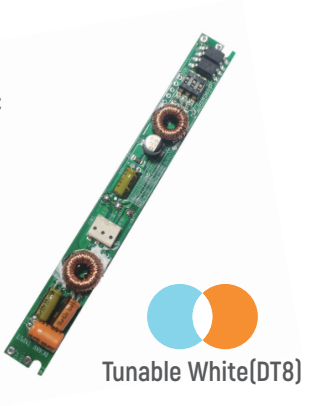
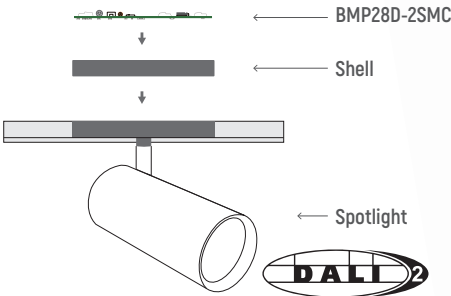


BMP28D-2SMC(Product No.:202100070101)

Product Feature

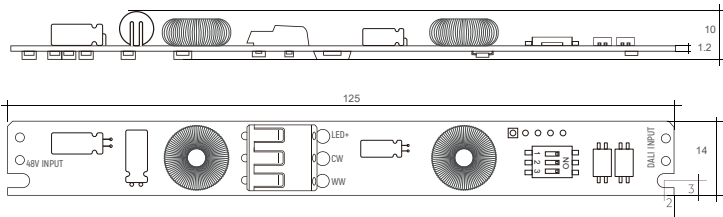
- Two channel output, output current level selectable by DIP S.W.
- Meet DALI Protocol IEC 62386-209
- High efficiency up to 93 %
- Built-in active PFC function
- Dimming effect smooth, no flicker
- Protections: Short circuit, over load, Input reverse connection
- Suitable for indoor LED lighting application, such as down light, panel light, and so on



Technical Parameters

Model	BMP28D-2SMC				
Input	Efficiency	93%@48VDC, full load			
	Voltage	45-51VDC			
	Frequency	/			
	Current	0.63Amax@48VDC, full load			
	Inrush Current	/			
	Standby Power	<0.3W			
Output	Current/voltage/power	350mA/9-(Vin-8)VDC 400mA/9-(Vin-8)VDC	450mA/9-(Vin-8)VDC 500mA/9-(Vin-8)VDC	550mA/9-(Vin-8)VDC 600mA/9-(Vin-8)VDC	650mA/9-(Vin-8)VDC 700mA/9-(Vin-8)VDC
	Output If current ripple(<120Hz)	Same as LF ripple on 48V bus			
	Channel	2			
	Current Tolerance	±8%			
	No-load Output Voltage	/			
	Turn On Delay Time	<0.6s, at 48VDC			
Function	Dimming Type	DALI 2.0 Dimming			
	Dimming Range	2%-100%			
	color temperature	3000k-6000k			
Protection	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			
Others	Working Temp.	-20°C~60°C			
	Storage Temp., Humidity	-40°C~85°C, 20-90%RH			
	Tc	80°C			
	Material	PC			
	Ip Rating	IP20			
	Lifetime	50,000h@ta:50°C			
	Warranty Condition	5 Year			
	Switch Cycle	>100,000 times			
	Packing(Weight)	Net weight: 15g±5%/PCS; 200PCS/Carton; 3.7kg±5%/Carton; Carton Size: 276*180*136mm(L*W*H)			
	Dimension	125*14*10mm(L*W*H)			

Dimension(mm)

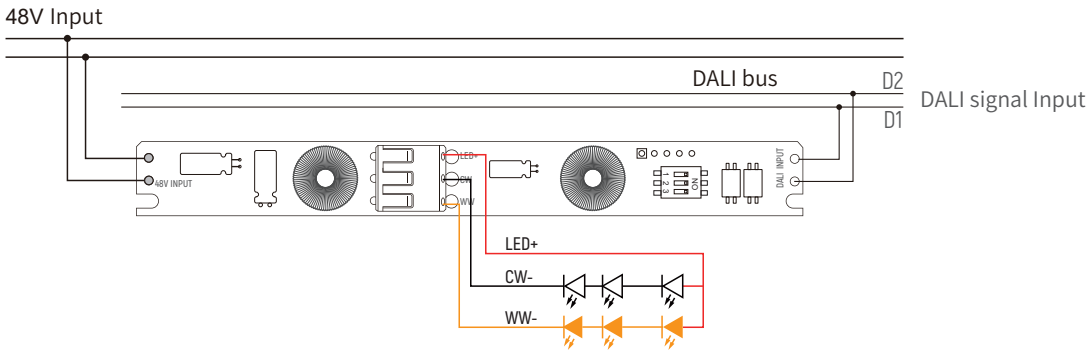


Current Selection Table

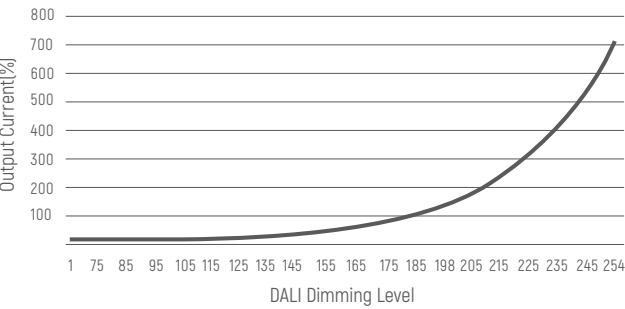
ON	OFF	1	2	3													
		350mA	400mA	450mA	500mA	550mA	600mA	650mA	700mA								
		9-(Vin-8)V	9-(Vin-8)V	9-(Vin-8)V	9-(Vin-8)V	9-(Vin-8)V	9-(Vin-8)V	9-(Vin-8)V	9-(Vin-8)V								

Remark: Function default setting is: 350mA (@switch are all OFF state)

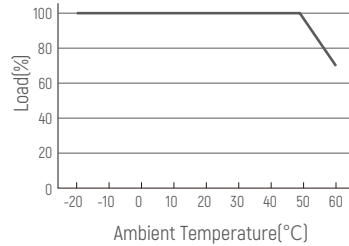
Wiring Diagram



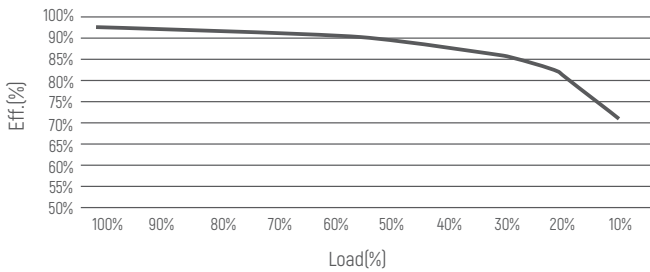
Dimming Curve



Derating Curve



Efficiency Curve



※ 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.