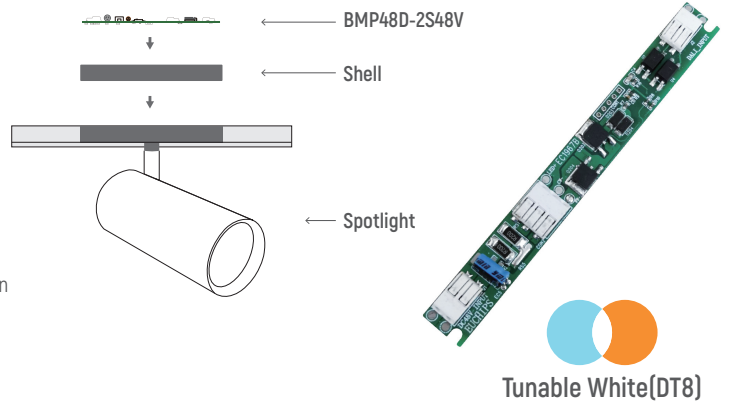


BMP48D-2S48V [Product No.:202200050101]

BMP48D-2S48V is a constant voltage mode output LED driver and complies with DALI standard protocol IEC 62386. This driver can be connected to DALI main controller or DALI dimmer to achieve a smooth dimming effect.

Product Feature

- Double channel constant voltage output,1A Max
- Compliant with DALI 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	BMP48D-2S48V	
Input	Efficiency	90%@48VDC, full load
	Voltage	24VDC-51VDC
	Current	1.1Amax@48VDC
	Standby Power	--
Output	Current	1A
	Voltage	24-48V(Vin-2.5V)
	Power	24W max@24V 48Wmax@48V
	Accuracy	±8%[9-40VDC]
	Out put If current ripple(< 120Hz)	Same as LF ripple on 48V bus
	Channel	2
Function	Dimming mode	DALI
	Dimming depth	0.5%-100%
	Color temperature	3000k-6000k
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	Shut down the output self-recovery after removing the fault
	Input reverse connection	Operation normally
	Hot plug	Input Support
Others	Storage Temperature	-40~85℃
	Relative Humidity	20~90% RH
	Operating Temperature	-20℃ ~ 60℃
	tc	70℃
	IP rating	IP20
	Lifetime	50,000h@ta:50℃
	Switch cycle	>25000
	Pcb Dimension	125*14*5mm (L*W*H)
	Packing(weight)	Net weight: 9.6g±5%/PCS; 200PCS/Carton; 2.4kg±5%/Carton; Carton Size: 276*180*136mm(L*W*H)

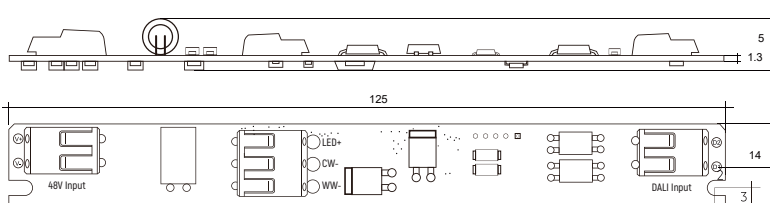
Safety Standard:

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

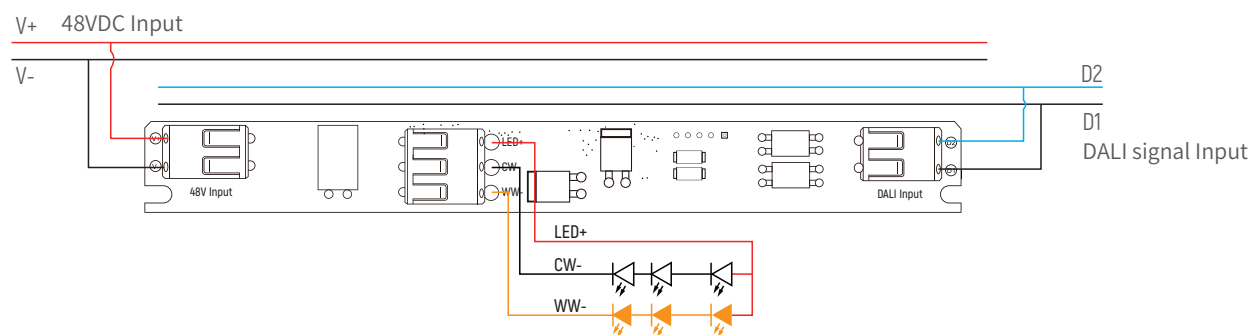
Suitable For Stucchi

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

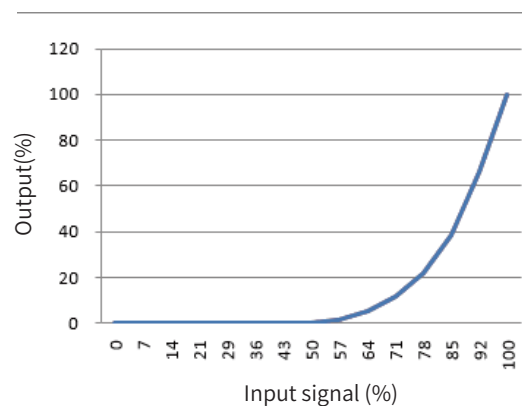
Dimension(mm)



Wiring Diagram



Dimming Curve



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.