

PSDE-TW2-010

TUNABLE WHITE 0-10V DIMMING MODULE

PSDE-TW2-010 is a tunable White LED dimming module. This plug and play 0-10V dimming module controls smooth, dynamic dimming and color temperature shifts from 2000K to 8000K. It creates efficient, eye-catching color temperature changing effects without color distortion.

Project _____
Location _____
Quote/ Ref # _____

SPECIFICATIONS

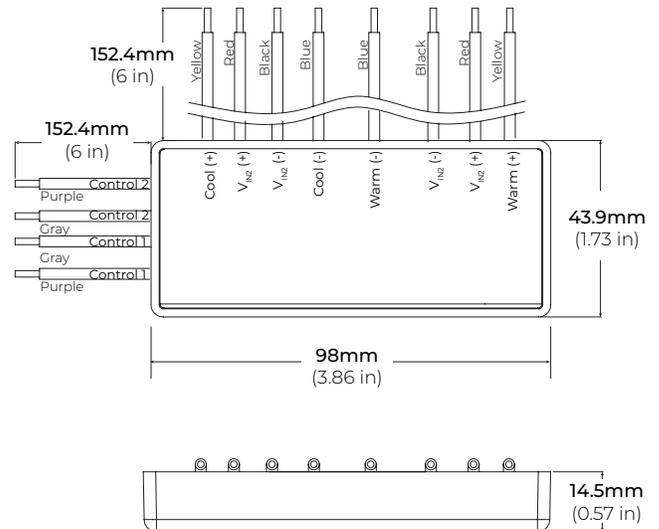
INPUT	
INPUT VOLTAGE RANGE	8-48V DC
INPUT CURRENT	5.1A per channel (MAX)
INPUT CONTROL	2
CONTROL VOLTAGE	0-10V
CONTROL RANGE	0-100%
OUTPUT	
OUTPUT CURRENT (MAX.)	5A
OUTPUT VOLTAGE RANGE	0.2 - 0.5V
OUTPUT WATTAGE (MAX.)	240W
EFFICIENCY	97% (Typical)
OUTPUT FREQUENCY	1kHz PWM
DIMMING RATIO	1:1000
PROTECTION	
SHORT CIRCUIT	Hiccup Mode; Auto-Recovery
OVER VOLTAGE	Auto-Recovery
OVER TEMPERATURE	Auto-Recovery
UNDER VOLTAGE LOGOUT	Auto-Recovery
ENVIRONMENT	
AMBIENT TEMPERATURE	-4°F (-20°C) ~ 140°F (60°C)
STORAGE TEMPERATURE	-40°F (-40°C) ~ 185°F (85°C)
RELATIVE HUMIDITY	5% ~ 95%
IP RATING	IP20
OTHER	
CASE/ DESIGN MATERIAL	Polycarbonate White
WIRE SIZE	18AWG
WIRE LENGTH	6 in. (152.4mm)
DIMENSIONS (L x W x H)	3.86" x 1.73" x 0.57"



FEATURES

- 8-48 VDC input
- High Efficiency, up to 97%
- High precision dimming ratio: >1:1000
- Flicker-Free 1-100% Dimming and Color Temperature changing
- Ideal for Effect and Accent Lighting, Signage, Industrial Lighting and Architectural Lighting
- UL Listed (US and Canada)

DIMENSIONS

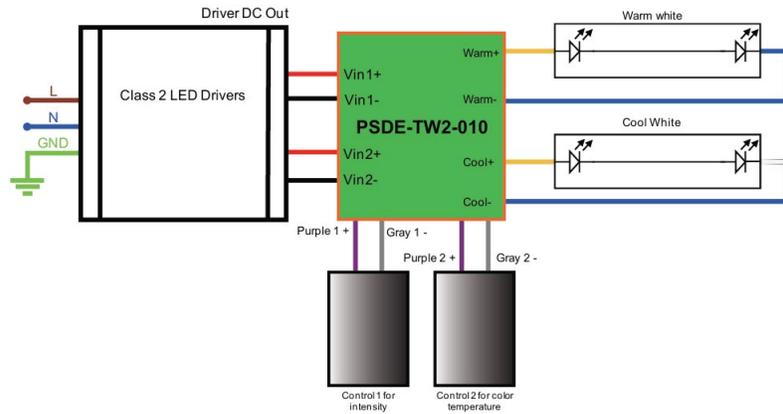


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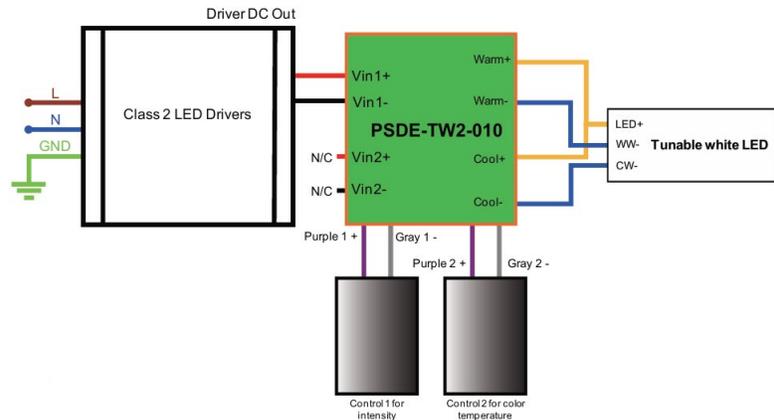
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WIRING

CONNECTION METHOD 1



CONNECTION METHOD 2



CONNECTION METHOD 3

