

WARM DIM LED DIMMING MODULE

Our Warm Dim LED Dimming Module is designed to allow LEDs to mimic the warming transitions of incandescent lamps. Easy to install and simple to use, the high-efficiency Warm Dim Dimming Module facilitates smooth, flicker-free dimming in all types of architectural lighting applications.

- Wide range DC input 8-48VDC
- Flicker-free 0-100% dimming
- High efficiency up to 97%
- High-precision dimming ratio: > 1:1000
- Complies with EN55015 and FCC Part 15
- Compact size

Applications:

Commercial
Entertainment
Healthcare

Hospitality
Museums
Public Spaces

Residential
Retail



RoHS

IP65

SPECIFICATIONS

Input Voltage Range	8-48 V
Input Control	1
Channel Output	2
Output Voltage Range*	Vin: 0.2-0.5 V
Max. Output Current	5A max. at full load
Max. Output Power	240 W
Output Frequency	1 kHz PWM
Dimming Ratio	1:1000
Power Efficiency (Typ)	97%
Input Current	5.1A (max. per channel)
Control Voltage	0/1-10 VDC Dimmer Note: The External control source to this Warm Dim LED Dimming Module's purple and grey control wires should have the capability to sink a minimum of 10mA for multiple dimming modules connected together. A minimum sink current of 2mA is recommended for a single module.
Over Temperature Protection	Auto recovery upon operating temperature < 221° F (105° C)
Ambient Temperature	4° - 140° F (-20° - 60° C) @ full load
Storage Temperature	-40° - 185° F (-40° - 85° C) @ full load
Dimensions (L x W x H)	3.86 in. x 1.73 in. x 0.57 in. (98 mm x 44 mm x 14.5 mm)
Case Material	Polycarbonate

* Warm Dim LED Dimming Module requires an external CV LED driver, connected to the DC input, and should not exceed the above input voltage range.

ORDERING GUIDE

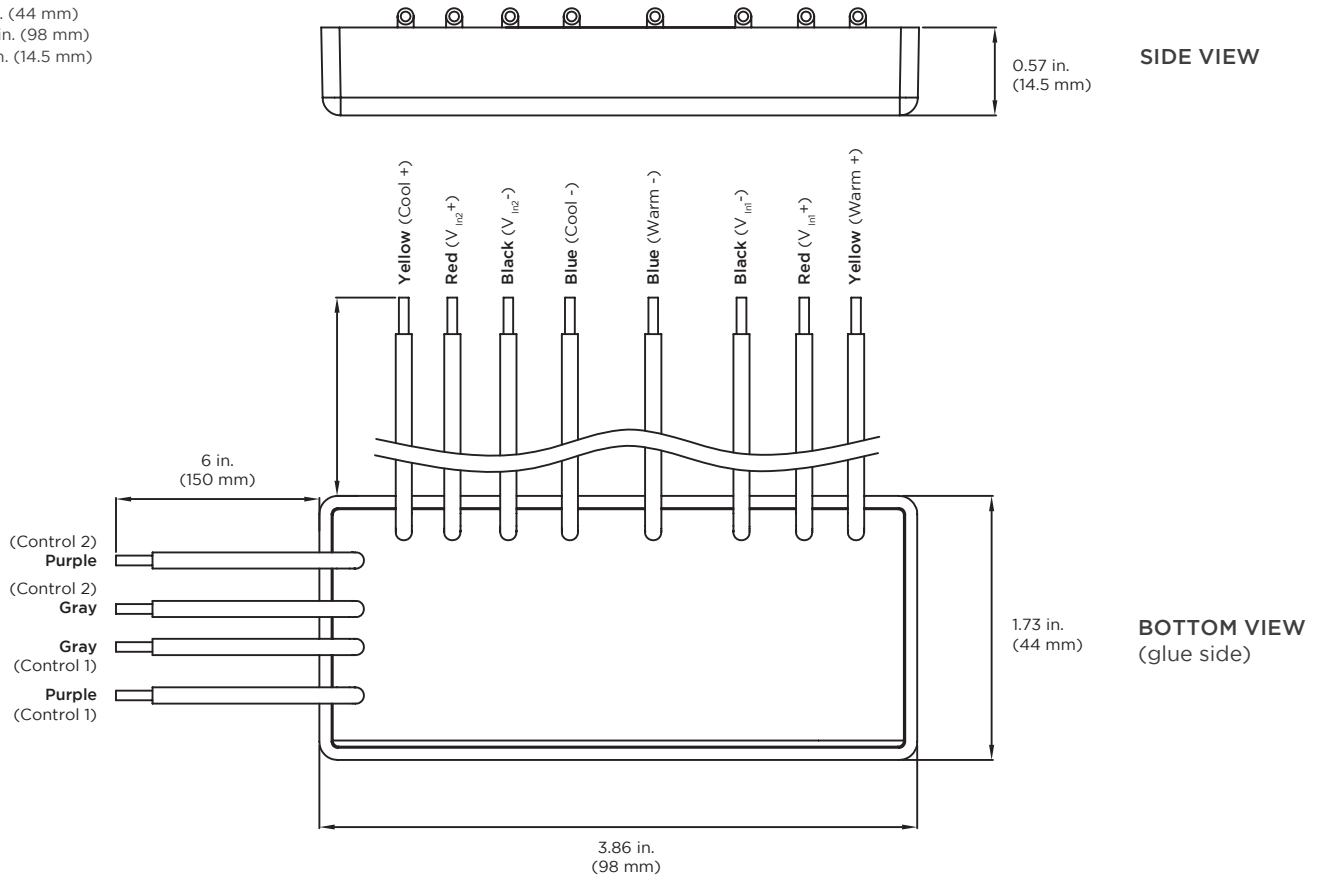
Category

RBWDMODULE

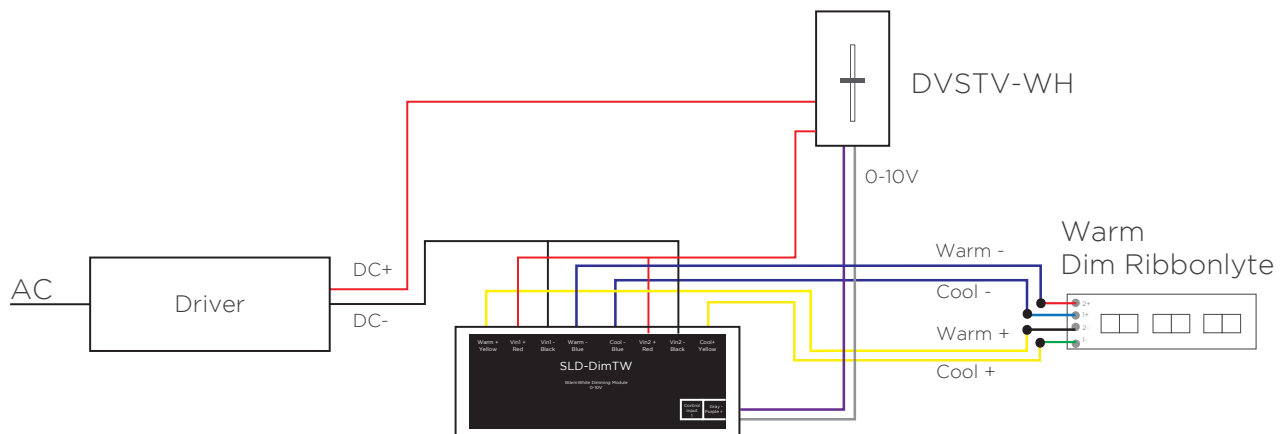
RBWDMODULE - Warm Dim LED Dimming Module

DIMENSIONS / WIRING DIAGRAMS

Width: 1.73 in. (44 mm)
Length: 3.86 in. (98 mm)
Depth: 0.57 in. (14.5 mm)



WIRING DIAGRAM



* 0-100% flicker-free performance not guaranteed when used with non-GENLED Acolyte Drivers