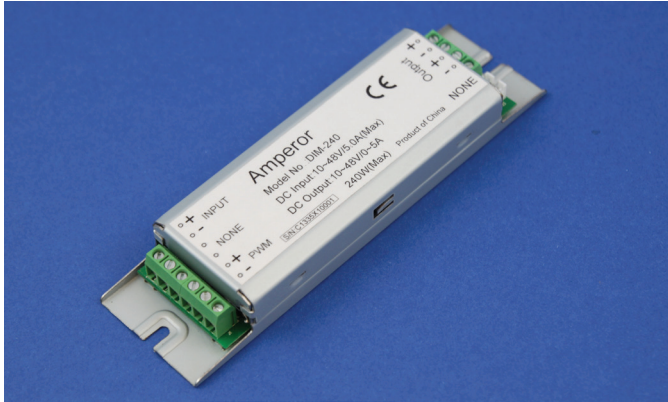


# DIM-240

## LED Dimming Module



### Features and Applications:

- 240W(max.) Dimmer for LED Modules and Strings
- Applying Pulse-Width Modulation on the connected LED Driver Output. Suitable to Use with the Constant Voltage Mode Driver
- Small Footprint: 150 x 41 x 20 mm
- High Efficiency Circuitry
- Short, Over-load and Over-temperature Protection
- UL / CE / CB / FCC / RoHS Certified

All specifications are typical at nominal input, full load, at 25°C unless otherwise stated.

### Electrical Specifications

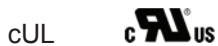
#### INPUT

Input Voltage Range typ.	10-48Vdc typ., 9.5-50.4Vdc max.
Input Current	5.3A max.
Control Voltage	1 - 10Vdc
Control Current	0.25mA max.

#### OUTPUT

Output Current	5A max.
Output Power Range	0 - 50W @ 10Vdc input 0 - 120W @ 24Vdc input 0 - 240W @ 48Vdc input
Efficiency	95% min.
Protection	No Load Operation, Short, Over-load, Over-Temperature
Available Dimming Options	0-10Vdc, PWM, POT: 0-100K Dali (Optional), IR (Optional)

### Safety Certifications



### General Specifications

Isolation Voltage	1KV (between output & Dim port)
Operation Frequency	240Hz. Typ.
Dimming Range	0 - 100%

### Environmental Specifications

Operating Temp.	-20°C to +50°C
Storage Temp.	-40°C to +85°C
Relative Humidity	5% to 95% ( non-Condensing )
Altitude	Operating 10,000 ft. max. Non-Operating 50,000 ft. max.
Vibration	2.4G rms peak, 5Hz ~ 500Hz
Shock	40G peak

### Installation

Mounting Screw Size	1/8
Suggested Wire Size	AWG#16 ~ 18
Installation Diagram	See Page 2.

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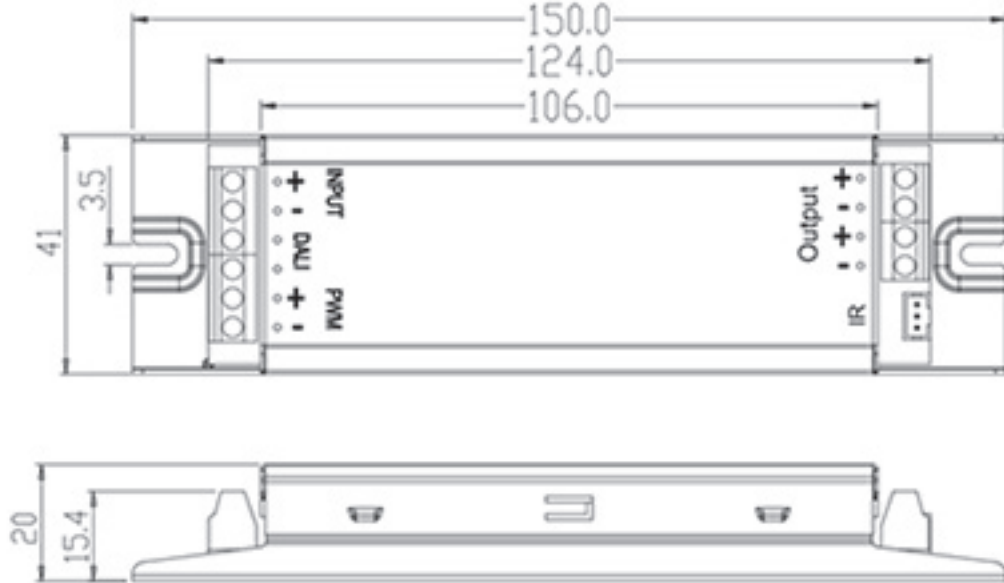
# DIM-240

LED Dimming Module



## Mechanical Information

Dimension:



Unit: mm.

Wiring Diagram:

