

# MRD Series

12/24VDC Super Compact Phase Cut Dimmable  
Class 2, LED Drivers



# MRD Series

## 12/24VDC Super Compact Phase Cut Dimmable Class 2 LED Driver



Dimmable



Class 2



### Features

- Super compact case - fits into any J-box
- UL Listed - Class 2
- Dimmable with any Incandescent/CLF /LED/MLV/ELV (leading or trailing edge) dimmer switch.
- Dim down to 1%
- Overload and short circuits auto-reset protection
- 88% Efficiency @ full load
- Damp and dry location



### Dimming

<b>Dimming Type:</b>	Triac / ELV (Phase cut)
<b>Min. Dimming Level:</b>	1%
<b>Dimming Curve:</b>	Linear

### Specifications

Part Number	MRD-40W-12VDC	MRD-60W-12VDC	MRD-40W-24VDC	MRD-60W-24VDC	MRD-75W-24VDC	MRD-96W-24VDC
<b>Max Power:</b>	40W	60W	40W	60W	75W	96W
<b>Input Voltage:</b>	120VAC +/- 5%					
<b>Input Frequency:</b>	50-60Hz					
<b>Input Current:</b>	0.9A max					
<b>Output Voltage:</b>	12VDC	12VDC	24VDC	24VDC	24VDC	24VDC
<b>Output Current:</b>	3.33A	5A	1.66A	2.5A	3.2A	4A
<b>Efficiency@ full load:</b>	86%	87%	86%	87%	87%	88%
<b>Operating Ambient temp:</b>	-40°F - 104°F (-40°C - 40°C)					
<b>Over Temp Protection:</b>	Hiccup Mode, Auto Recovery					
<b>Over Load Protection:</b>	Hiccup Mode, Auto Recovery					
<b>Short Circuit Protection:</b>	Hiccup Mode, Auto Recovery					
<b>Warranty:</b>	6 Year					
<b>Environmental:</b>	Damp and Dry Location					
<b>Dimensions (W x H x L):</b>	3.31X1.57X0.98 INCH (L*W*H)					

### Applications

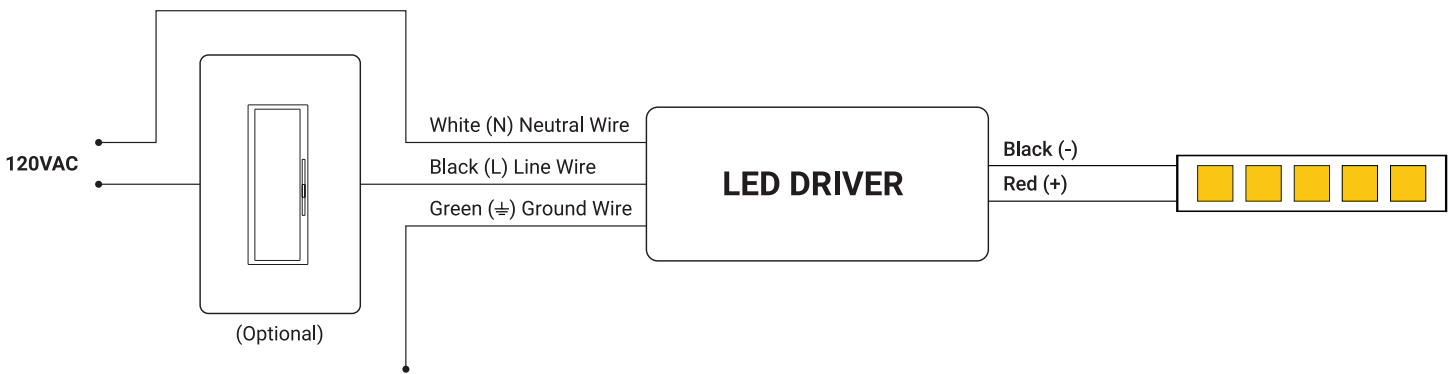
- LED strip
- LED tape
- Cove lights
- Linear lights
- Puck lights

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## Wiring Diagrams



## Mechanical Diagrams

