

# LIGHTMOODS™

## RGB Dome LED Neon Ribbon Light

**DMRGB-24V-60** The perfect replacement for neon glass. The curved profile allows for a large viewing angle. Suitable for indoor, outdoor, architectural and signage applications. Achieve spectacular effects with our color changing ability.



**Beam Angle**



**Bending Diameter**



**Flame Resistant**



**UV Resistant**



**Solvent Resistant**



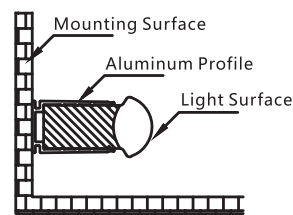
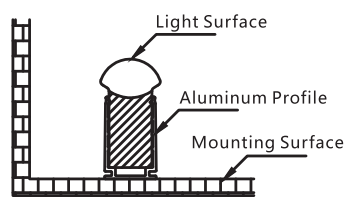
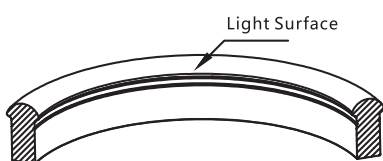
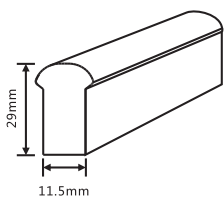
**Saltwater Resistant**



**IP68 Protection**



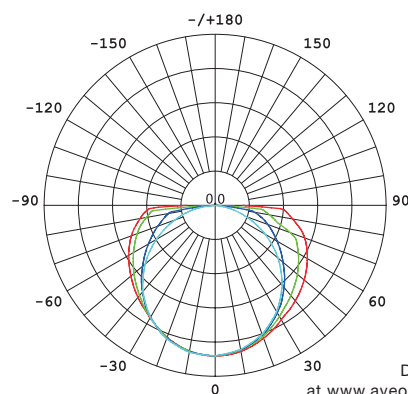
**IK08 Protection**



### Technical Data

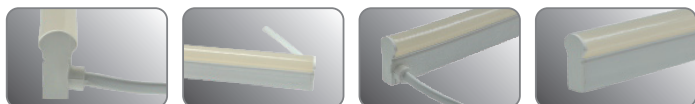
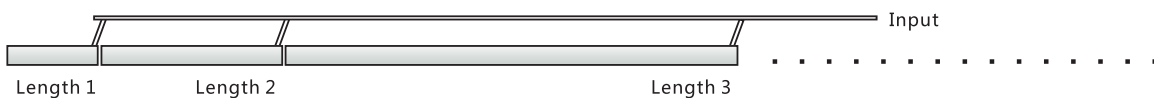
|                   |              |
|-------------------|--------------|
| Article No.       | DMRGB-24V-60 |
| Working Voltage   | DC24V        |
| Rated Power / mtr | 12W          |
| LED Qty/mtr       | 60LEDs       |
| LED Distance      | 1.67cm       |
| Min. Cutting Unit | 6LEDs (10cm) |
| Continuous Length | 10m          |
| IP Rating         | IP68/IP40    |

### Candle Power Distribution



Download IES file at [www.aveoengineering.com](http://www.aveoengineering.com)

### Connection Diagram for Injection Molded Light



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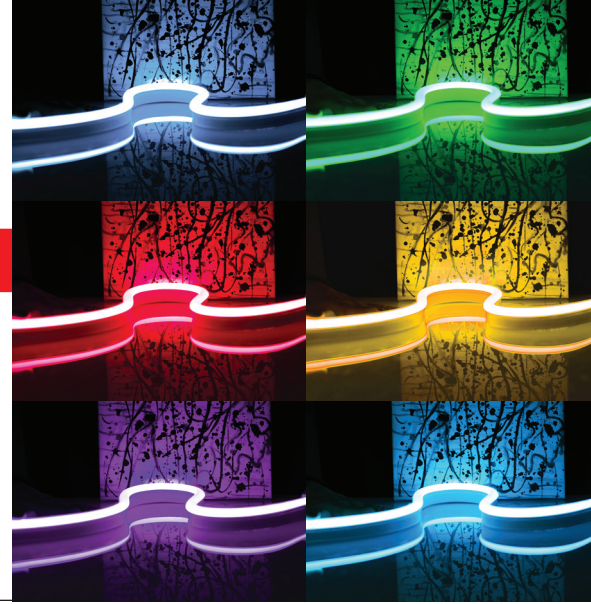
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Matching Table for Power and Length

| Power          | 35W      | 60W  | 100W | 120W | 150W | 180W     | 240W | 320W |
|----------------|----------|------|------|------|------|----------|------|------|
| Length         | 2.5m     | 4.5m | 7.5m | 9.0m | 10m  | 13.5m    | 18m  | 20m  |
| Energizing Way | DC input |      |      |      |      | DC input |      |      |

Customized Length of Injection Molded Light

|        | Length 1 | Length 2 | Length 3 | Length 4 | Length 5 | Length 6 |
|--------|----------|----------|----------|----------|----------|----------|
| Length | 10cm     | 20cm     | 50cm     | 100cm    | 200cm    | 500cm    |

Photometric Data

|             |                |         |
|-------------|----------------|---------|
| Article No. | DMRGB-24V-60   |         |
| LED Type    | SMD            |         |
| Beam angle  | 270°           |         |
| Color       | CCT/Wavelength | Lumen/m |
| Red         | 620-630nm      | >22lm   |
| Green       | 520-530nm      | >90lm   |
| Blue        | 460-470nm      | >18lm   |
| White       |                | >130lm  |

Illuminance Characteristics

