**Specification**

**ADVANCED HIGH CEILING**

**REV 8 Prime - Retrofit**

**Warm Dim (ColorFlip™)**

8-inch aperture high lumen recessed downlight utilizing Meteor Lighting’s proprietary ColorFlip™ Warm Dim solution, that results in superior efficacy and heat management. This product is compatible with all existing 0-10V and DMX control systems. Bringing ambient lighting to your spaces.

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### Delivered

<table>
<thead>
<tr>
<th>Warm Dim</th>
<th>1900K</th>
<th>3000K</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMX CCT Signal (%)</td>
<td>7%</td>
<td>20%</td>
</tr>
<tr>
<td>0-10V CCT Voltage</td>
<td>0.7</td>
<td>2</td>
</tr>
<tr>
<td>225W</td>
<td>402 lm</td>
<td>1809 lm</td>
</tr>
<tr>
<td>185W</td>
<td>330 lm</td>
<td>1485 lm</td>
</tr>
</tbody>
</table>

*Tolerance±8%

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### Electrical System

- 185W, 225W
- Power Input: 120V or 277V
- Operating Temperature: -13°F~112°F
- Surge Protection: 4KV
- Remote Emergency Pack: Bodine BSL20LV
- Power Factor Greater than 0.9

### LED Technology

- Warm Dim™ (Tuning White: 1900K ℮→ 3000K)
- 85+ CRI
- Beam Angle: 45°, 55°, 100° (with diffuser)
- Rated Life > 60,000 Hours (L70)

### Advanced Dimming

(Proprietary VX Driver is incorporated to all dimming options for video flicker-free lighting)
- Superior 0-10V: dims to 1%
- DMX: high resolution dims to 0.1% (2 channel)
(Supports ANSI E1.20 RDM protocol)

### Retrofit

- Non-IC Rated, insulation must be kept >1ft from housing.
- Aperture: 8.1” (207mm)
- Opening of Mounting Frame: 8.03” (204mm) to 9.0” (228mm) Max
- Oversize Trim: 9.13” (232mm)
- Maximum ceiling thickness: 1.5” (38mm)
- Tool-less top access allows service from above and below.
- Light engine, optics, and driver(s) accessible from below ceiling
- Weight: 16.13lbs
- Goof Ring 14”: Aluminum, standard white finish; O.D. 16”; other size and finish

### Warranty

- 5 year limited warranty

### Listing

- ETL Damp Location Listed
- FCC
- CE
# Specification

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**How To Specify:**

**Ordering Example:** R8PR-225-WDIM-120-DMX-55-WHT

4-5 weeks lead time on over 75% of specifications.

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<table>
<thead>
<tr>
<th>Model</th>
<th>Wattage</th>
<th>CCT / CRI</th>
<th>Voltage</th>
<th>Dimming</th>
</tr>
</thead>
<tbody>
<tr>
<td>R8PN</td>
<td>185</td>
<td>WDIM</td>
<td>120</td>
<td>SPV Superior 0-10V dims to 1%</td>
</tr>
<tr>
<td></td>
<td>225</td>
<td>1900K - 3000K</td>
<td>277</td>
<td>DMX DMX dims to 0.1% (XLR Sockets)</td>
</tr>
</tbody>
</table>

**METEOR LIGHTING reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.**

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<table>
<thead>
<tr>
<th>Beam Angle</th>
<th>Finish</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>45 45º</td>
<td>BLK Black</td>
<td>DF¹ Diffuser</td>
</tr>
<tr>
<td>55 55º</td>
<td>WHT White</td>
<td>SPD² Surge Protector</td>
</tr>
<tr>
<td>WD² 100º (with diffuser)</td>
<td>GR12³ Goof Ring 9.2' to 14”</td>
<td>GR14³ Goof Ring 9.2' to 16”</td>
</tr>
</tbody>
</table>

¹Please factor in change in lumen output with diffuser (-20% with WD; -12% with other degrees).
²Surge protector for up to 10KV. Applicable for unstable mains or facilities using high power machineries.
³Includes New Reflector

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*METEOR LIGHTING P: 213.255.2060 F: 213.596.3704 www.meteor-lighting.com*
**Dimensions**

Ø8.03” MIN.  
Ø9.0” MAX.  
Ø9.13”

Max. ceiling thickness:

15” Flexible Conduit

To LED Module

To Existing Junction Box

**Goof Ring**

GR14

GR12

**DMX Requirements**

The 8” REV LED fixture with DMX is a ONE CHANNEL DMX unit.  
When placing order, please indicate DMX address. (The DMX address will be listed on the back of the fixture.)  
The LED fixture provide RJ45 Socket or XLR socket to connect. (DMX cable NOT included.)  
The final fixture should be terminated by the use of DMX Terminator (by others).

<table>
<thead>
<tr>
<th>CONNECTION</th>
<th>RJ45 (CAT5e)</th>
<th>5-PIN XLR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common</td>
<td>WHITE/BROWN(PIN7) &amp; BROWN(PIN 8)</td>
<td>PIN 1</td>
</tr>
<tr>
<td>Signal -</td>
<td>ORANGE(PIN 2)</td>
<td>PIN 2</td>
</tr>
<tr>
<td>Signal +</td>
<td>WHITE/ORANGE(PIN 1)</td>
<td>PIN 3</td>
</tr>
<tr>
<td>Spare</td>
<td>-</td>
<td>PIN 4</td>
</tr>
<tr>
<td>Spare</td>
<td>-</td>
<td>PIN 5</td>
</tr>
</tbody>
</table>