

# REV 8 PRIME

SPECIFICATION SHEET  
RETROFIT - WARM DIM

## QUIET CEILING DESIGN HIGH LUMEN RECESSED DOWNLIGHT

### Housing

Aperture : Ø8.1" | Oversize Trim : 8.46" | Ceiling Cutout : 8.25"  
Maximum Ceiling Thickness : 1.5" | Height : 8.6" | Weight : 17.63 / 18.82 lbs

### Material

Housing : Forged Aluminum Heatsink  
Reflector : Flow Forming Aluminum

### Power Input

185W, 225W | 120V, 277V

### Lumen Output

16,500 lm (185W), 20,100 lm (225W)

### Dimming

Superior 0-10V : Dims to 1%  
DMX : High resolution dims to 0.1%

### Color Quality

CRI 85+

### Rated Life

> 60,000 Hours (L70)

### Finish



Black



White

### Color Temperature



ColorFlip™ Warm Dim  
1900K ↔ 3000K

### Optics



45°



55°



Wide

### Warranty

5 Year limited warranty

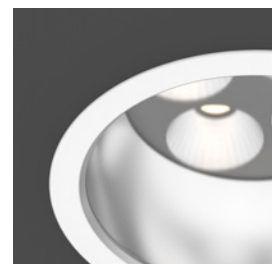
### Listing



## Precision Engineered For High Performance.

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.



# METEOR

[meteor-lighting.com](https://meteor-lighting.com)

**SPECIFICATION**

<b>PROJECT NAME</b>	<b>DATE</b>
<input type="text"/>	<input type="text"/>
<b>CATALOG #</b>	<b>QUANTITY</b>
<input type="text"/>	<input type="text"/>

<b>R8PR</b>	<b>MODEL</b>	<b>REV 8 PRIME RETROFIT</b>		
<input type="text"/>	<b>WATTAGE</b>	<b>185</b> 185W	<b>225</b> 225W	
<b>WDIM</b>	<b>CCT / CRI</b>	<b>WDIM</b> 1900K-3000K		
<input type="text"/>	<b>VOLTAGE</b>	<b>120</b> 120V	<b>277</b> 277V	
<input type="text"/>	<b>DIMMING</b>	<b>SPV</b> Superior 0-10V dims to 1%	<b>DMX</b> DMX dims to 0.1% (XLR Sockets)	<b>DMX(RJ45)</b> DMX dims to 0.1% (RJ45 Sockets)
<input type="text"/>	<b>BEAM ANGLE</b>	<b>45</b> 45°	<b>55</b> 55°	<b>WD<sup>1</sup></b> Wide (With diffuser)
<input type="text"/>	<b>FINISH<sup>2</sup></b>	<b>BLK</b> Black	<b>WHT</b> White	
<input type="text"/>	<b>ACCESSORIES</b>	<b>NO</b> No Accessories <b>GR12<sup>5</sup></b> Goof Ring 9.2" to 14"	<b>DF<sup>3</sup></b> Diffuser <b>GR14<sup>5</sup></b> Goof Ring 9.2" to 16"	<b>SPD<sup>4</sup></b> Surge Protector

<sup>1</sup> Please factor in change in lumen output with WD -20%  
<sup>2</sup> Finish indicates trim only, with standard matte silver reflector.  
<sup>3</sup> Please factor in change in lumen output with diffuser (-20% with WD; -12% with other degrees).  
<sup>4</sup> Surge protector for up to 10KV. Applicable for unstable mains or facilities using high-power machinery.  
<sup>5</sup> Includes a new reflector.

## TECHNICAL DETAILS

### Electrical

- 16,500 lm (185W)
- 20,100 lm (225W)
- Power Input: 120V or 277V
- Operating Temperature: -13°F~102°F
- Surge Protection: Built-in is 4KV
- Power Factor Greater than 0.9

### LED Features

- Warm Dim™ Tunable White 1900K ↔ 3000K
- CRI 85+
- Long lasting LED luminaire tested under TM21 lumen maintenance L70 @ 60,000 Hrs

### Optics

- Flow Forming Aluminum Reflector
- Beam Angle : 45°, 55°, Wide (With diffuser)

### 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% (Supports ANSI E1.20 RDM protocol)

### Retrofit Housing

- Aperture : Ø8.1"
- Height : 8.6"
- Weight : 16.13 lbs
- Material : Forged Aluminum Heatsink
- Non-IC Rated, insulation must be kept >1ft from housing
- Oversize Trim : 9.13"
- Opening of Mounting Frame : 8" to 9" Max
- Maximum Ceiling Thickness : 1.5"
- Tool-less top access allows service from above and below
- Light engine, optics, and driver(s) accessible from below ceiling
- Goof Ring 14" : Aluminum, standard white finish; O. D. 16"; other size and finish available, please inquire

### Warranty

- 5-year limited warranty

### Listing

- ETL Damp Location Listed
- FCC

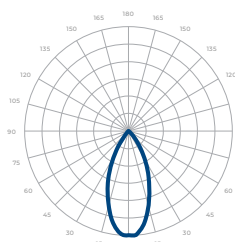
## PERFORMANCE SUMMARY\*

Warm Dim	1900K					3000K
<b>DMX</b> CCT Signal (%)	7%	20%	40%	60%	80%	100%
<b>0-10V</b> CCT Voltage	0.7	2	4	6	8	10
<b>185W</b>	330lm	1,485lm	4,455lm	8,415lm	12,705lm	16,500lm
<b>225W</b>	400m	1,810lm	5,430lm	10,250lm	15,480lm	20,100lm

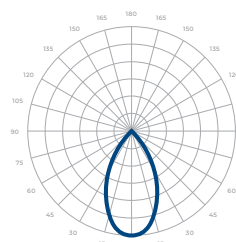
\*Beam Angle: 45° \*Tolerance ±8%

## PHOTOMETRICS

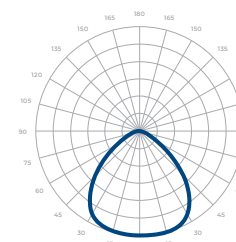
Below is a typical photometric representation of the Rev 8 Prime fixture. Please download IES files to ensure exact photometric value.



45°



55°



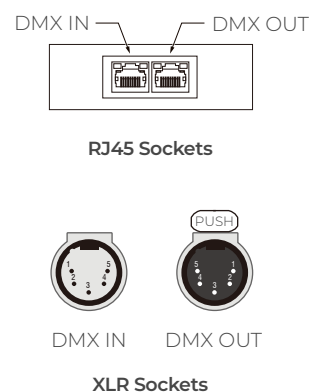
WIDE

## DMX REQUIREMENTS

The Rev 8 fixture with DMX is a **single channel dmx** unit that dims both intensity and color temperature between 1900K <-> 3000K. When placing an order, please indicate DMX address. (The DMX address will be listed on the back of the fixture). Do not connect more than 32 fixtures per DMX daisy chain.

The fixture can be connected with RJ45 or XLR sockets. DMX cables **are not** included; please refer to compatible DMX cabling list for more information. The final fixture on each daisy chain should be terminated by the use of a DMX terminator purchased from a 3rd party or from Meteor.

CONNECTION	RJ45 (CAT5e)	5-PIN XLR
Common	WHITE/BROWN(PIN7) & BROWN (PIN 8)	PIN 1
Signal -	ORANGE (PIN 2)	PIN 2
Signal +	WHITE/ORANGE (PIN 1)	PIN 3
Spare	-	PIN 4
Spare	-	PIN 5



## COMPATIBLE DMX CABLING LIST

DMX uses a cable consisting of two twisted pairs plus a shield to carry data. The cable must be specifically impedance matched for the digital DMX signal, meaning that microphone cable or other non-rated cable **must not be used to carry DMX**. Network cable (Cat5, 5e or 6 cable) may be used to carry DMX in an installation; however special consideration must be given to shielding and termination. Under no circumstances should solid core cable like Cat5 be terminated into a screw down connector.

Meteor recommends the use of Belden 9729 or Belden 9841 for DMX installation. Belden 9729/9841 is a two pair cable, which allows for a spare pair for 'out and back' type terminations if needed.

**DIMENSIONS**

