

REV 8 PRIME

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

> 100,000 Hours (L70)

Finish



Black



White

Color Temperature



ColorFlip™ Warm Dim
1900K ↔ 3000K

Optics



45°



55°



Wide

Warranty

5 Year limited warranty

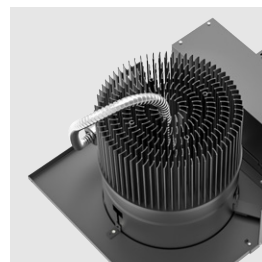
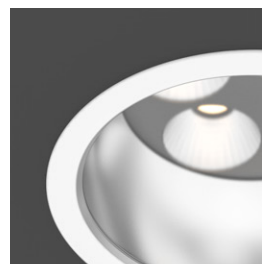
Listing



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

SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

| | | | | |
|------|-------------|---|---|---|
| R8PN | MODEL | REV 8 PRIME WITH NEW CONSTRUCTION FRAME | | |
| | WATTAGE | 185 185W | 225 225W | |
| WDIM | CCT / CRI | WDIM 1900K-3000K | | |
| | VOLTAGE | 120 120V | 277 277V | |
| | DIMMING | SPV Superior 0-10V dims to 1% | DMX DMX dims to 0.1% (XLR Sockets) | DMX(RJ45) DMX dims to 0.1% (RJ45 Sockets) |
| | BEAM ANGLE | 45 45° | 55 55° | WD ¹ Wide (With diffuser) |
| | FINISH* | BLK Black | WHT White | |
| | ACCESSORIES | NO No Accessories SCA810 Sloped Ceiling Adapter 8°-12° SCA825 Sloped Ceiling Adapter 23°- 27° | DF ² Diffuser SCA815 Sloped Ceiling Adapter 13°-17° 2CPL 2' X 2' X 1" Custom Metal Ceiling Panel | SPD ³ Surge Protector SCA820 Sloped Ceiling Adapter 18°-22° |

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

* Finish indicates trim only, with standard matte silver reflector

TECHNICAL DETAILS

Electrical

- 20,100 lm (185W)
- 16,500 lm (225W)
- Power Input: 120V or 277V
- Operating Temperature: -13°F~112°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 @ 100,000 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)

New Construction Housing

- Aperture : Ø8.1"
- Height : 8.6"
- Weight : 17.63 lbs/ 18.82 lbs
- Material : Forged Aluminum Heatsink
- Non-IC Rated, insulation must be kept >1ft from housing
- Oversize Trim : 8.46"
- Ceiling Cutout : 8.25"
- 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

*Note: C-Channel / Mounting Channels / T-Bar Hangers are purchased from a third party

Warranty

- 5-year limited warranty

Listing

- ETL Damp Location Listed
- FCC
- CE

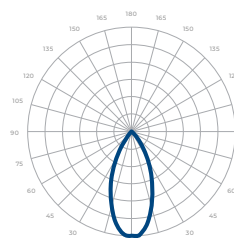
PERFORMANCE SUMMARY*

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

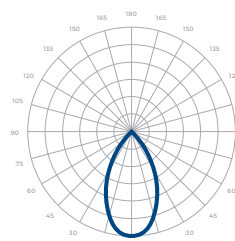
*Beam Angle: 45° *Tolerance $\pm 8\%$

PHOTOMETRICS

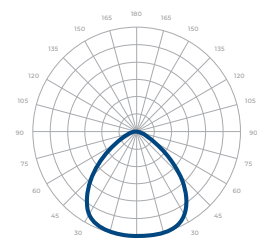
Below is a typical photometric representation of the Rev 8 Prime fixture. Please download IES files to ensure exact photometric value.



45°



55°



WIDE

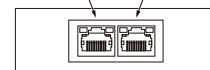
DMX REQUIREMENTS

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 |

DMX IN DMX OUT



RJ45 Sockets



DMX IN DMX OUT

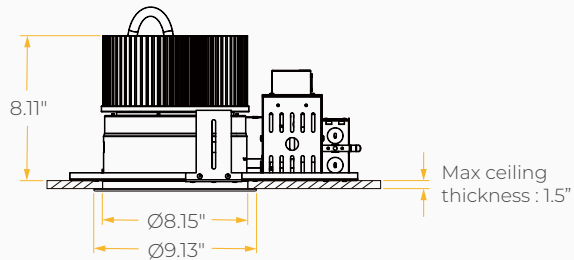
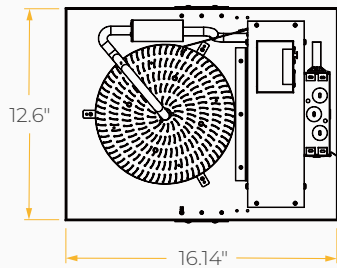
XLR Sockets

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



Sloped Ceiling Adapter

