REV 4 QUIET CEILING DESIGN HIGH LUMEN RECESSED DOWNLIGHT

Housing

Aperture : Ø4.3" | Oversize Trim : 5.3" | Ceiling Cutout : 5" Maximum Ceiling Thickness : 2" | Height : 8" | Weight : 8.8 lbs

Rated Life

> 60,000 Hours (L70)

Material

Housing : Extruded Aluminum Reflector : Flow Forming Aluminum

Power Input

20W, 40W | 120V, 277V

Lumen Output

1,600 lm (20W), 3,050 lm (40W)

Dimming

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

Color Quality CRI 85

Finish



Color Temperature



ColorFlip™ Warm Dim 1900K ↔ 3000K



45°

Warranty

5 Year limited warranty

55

Listing

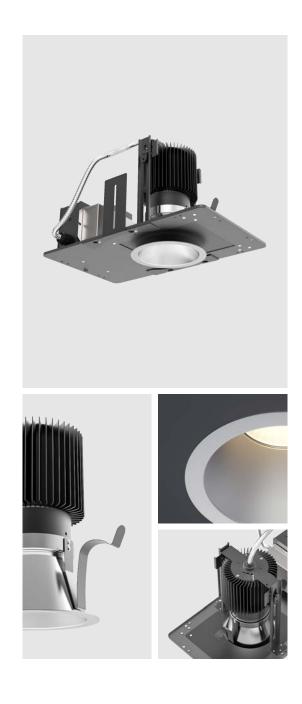




Precision Engineered For High Performance.

4-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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SPECIFICATION SHEET / NEW CONSTRUCTION - WARM DIM REV 4 QUIET CEILING DESIGN HIGH LUMEN RECESSED DOWNLIGHT



SPECIFICATION

| PROJECT NAME | DATE |
|--------------|----------|
| | |
| CATALOG # | QUANTITY |
| | |

| RS4N | MODEL | REV 4 WITH NEW CONSTRUCTION FRAME | | |
|------|-------------|--|---|--|
| | WATTAGE | 20 20W | 40 40W | |
| WDIM | CCT/CRI | WDIM 1900K - 3000K | | |
| | VOLTAGE | 120 120V | 277 277V | |
| | DIMMING | SPV Superior 0-10V dims to 1% dims to dark | DMX dims to 0.1% (XLR Sockets) | DMX(RJ45) DMX dims to 0.1% (RJ45 Sockets) |
| | BEAM ANGLE | 45 45° with Standard Trim | 55° with Low Trim | |
| | FINISH* | BLK Black | WHT White | |
| | ACCESSORIES | NO No Accessories | SCA410 Sloped Ceiling Adapter 8°-12° | |

* Finish indicates Trim only, with standard matte silver reflector.

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TECHNICAL DETAILS

Electrical

- 1,600lm (20W)
- 3,050 lm (40W)
- $\cdot\,$ Power Input: 120V or 277V
- Operating Temperature: -20°F~104°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° (Low Trim only)

Advanced Dimming

- Proprietary VX Driver™ is incorporated to all dimming options for video flicker-free lighting
- $\cdot\,$ Superior 0-10V : dims to 1%, dims to dark
- DMX : High resolution dims to 0.1% (Supports ANSI E1.20 RDM protocol)

New Construction Housing

- Aperture : Ø4.25"
- Height : 8"
- Weight : 8.8 lbs
- Material : High Pressure Aluminum
- Non-IC Rated, insulation must be kept >1ft from housing
- Oversize Trim : 5.3"
- Ceiling Cutout : 5"
- Maximum Ceiling Thickness : 2"
- $\cdot\,$ 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
- UKCA

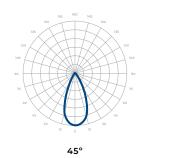
PERFORMANCE SUMMARY*

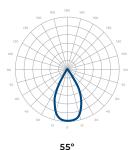
| Warm Dim | 1900K | - | | | | ► 3000K |
|-----------------------------|-------|-------|-------|---------|---------|---------|
| DMX CCT Signal (%) | 7% | 20% | 40% | 60% | 80% | 100% |
| 0-10V CCT Voltage | 0.7 | 2 | 4 | 6 | 8 | 10 |
| 20W | 30lm | 145lm | 430lm | 8151m | 1,230lm | 1,600lm |
| 40W | 60lm | 275lm | 825lm | 1,5551m | 2,350lm | 3,050lm |

*Beam Angle: 35° * Tolerance ±8%

PHOTOMETRICS

Below is a typical photometric representation of the Rev 4 fixture. Please download IES files to ensure exact photometric value.





meteor-lighting.com 1860 S Carlos Ave, Ontario, California 91761 E: tech@meteor-lighting.com T: 213-255-2060 Meteor Lighting reserves the right to make changes to this product for design and development improvements at any time without prior notice, and such modification shall be effective immediately. @Meteor Illumination Technologies, Inc.

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DMX REQUIREMENTS

The Rev 4 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 | - RJ45 Sockets |
| Signal + | WHITE/ORANGE (PIN 1) | PIN 3 | PUSH |
| Spare | - | PIN 4 | |
| Spare | - | PIN 5 | |
| | | | – DMX IN DMX OUT |

XLR Sockets

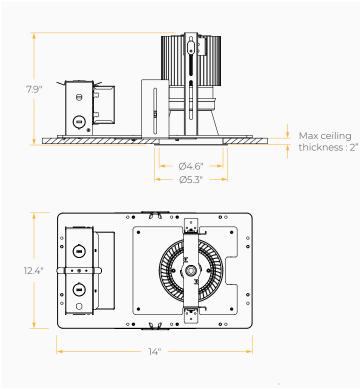
COMPATIBLE DMX CABLING LIST

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.

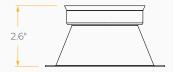
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DIMENSIONS









Sloped Ceiling Adapter

