

REV 4

SPECIFICATION SHEET
RETROFIT

QUIET CEILING DESIGN HIGH LUMEN RECESSED DOWNLIGHT

Housing

Aperture : Ø4.3" | Oversize Trim : 5.3" | Maximum Ceiling Thickness : 2"
Opening of Mounting Frame : 4.7" to 5.1" | Height : 8" | Weight : 7 lbs

Material

Housing : Extruded Aluminum
Reflector : Flow Forming Aluminum

Power Input

20W, 40W, 60W, 80W | 120V, 277V

Lumen Output

1,830lm (20W), 3,750 lm (40W), 5,910 lm (60W), 7,640 lm (80W)

Dimming

Standard 0-10V : Dims to 10%
Superior 0-10V : Dims to 1%
DMX : High resolution dims to 0.1%
LTE : Hi-Lume 1% 2-wire LED Driver
LDE1 : Hi-Lume 1% EcoSystem LED Driver
DALI : Dims to 10%

Color Quality

CRI 85, CRI 93

Rated Life

> 60,000 Hours (L70)

Finish



Color Temperature



Optics



Warranty

5 Year limited warranty

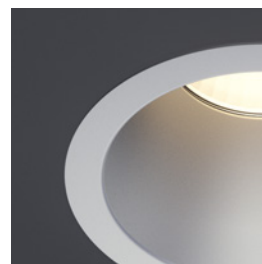
Listing



Precision Engineered For High Performance.

The REV series are a revolutionary range of 4, 6 and 8-inch aperture recessed downlights that feature a deep, double optical reflector design with high efficacy performance.

All downlights feature Colorflip™ Warm Dim, Tunable White and W+RGB technology for a truly versatile range of applications, and are available in new construction and retrofit configurations.



SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

| | | | | |
|-----------------------------------|---------------------|--|---|---|
| <input type="text" value="RS4R"/> | MODEL | REV 4 RETROFIT | | |
| <input type="text"/> | WATTAGE | 20 20W 80¹ 80W | 40 40W | 60¹ 60W |
| <input type="text"/> | CCT / CRI | 278 2700K / CRI 85 309 3000K / CRI 93 408 4000K / CRI 85 | 279 2700K / CRI 93 358 3500K / CRI 85 | 308 3000K / CRI 85 359 3500K / CRI 93 |
| <input type="text"/> | VOLTAGE | 120 120V | 277 277V | |
| <input type="text"/> | DIMMING | NOD Non-Dimming DMX DMX dims to 0.1% (XLR Sockets) LDEI² Hi-Lume 1% EcoSystem LED Driver with Soft-on, Fade-to-Black | STV Standard 0-10V dims to 10% DMX(RJ45) DMX dims to 0.1% (RJ45 Sockets) DALI² DALI dims to 10% | SPV Superior 0-10V dims to 1% LTE² Hi-Lume 1% 2-wire LED Driver (120V forward phase only) |
| <input type="text"/> | BEAM ANGLE | 35 35° with Standard Trim | 45 45° with Standard Trim | 55 55° with Low Trim |
| <input type="text"/> | FINISH ³ | BLK Black | WHT White | |

¹ Not compatible with LTE and LDEI.

² Option not available for 60W and 80W.

³ Finish indicates Trim only, with standard matte silver reflector.

TECHNICAL DETAILS

Electrical

- 1,830 lm (20W)
- 3,750 lm (40W)
- 5,910 lm (60W)
- 7,640 lm (80W)
- 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

- Color Temperature : 2700K, 3000K, 3500K, 4000K
- CRI 85, CRI 93
- Long lasting LED luminaire tested under TM21 lumen maintenance L70 @ 60,000 Hrs

Optics

- Flow Forming Aluminum Reflector
- Beam Angle : 35°, 45°, 55° (Low Trim only)

Advanced Dimming

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

Only Compatible with 20W/40W Option :

- LTE : Hi-Lume 1% 2-wire LED Driver (120V forward phase only)
- LDE1 : Hi-Lume 1% EcoSystem LED Driver with Soft-on, Fade-to-Black

Retrofit Housing

- Aperture : Ø4.3"
- Height : 8"
- Weight : 7 lbs
- Material : High Pressure Aluminum
- Non-IC Rated, insulation must be kept >1ft from housing
- Oversize Trim : 5.3"
- Opening of Mounting Frame : 4.7" to 5.1" Max
- Maximum Ceiling Thickness : 2"
- Tool-less top access allows service from above and below
- Light engine, optics, and driver(s) accessible from below ceiling

Warranty

- 5-year limited warranty

Listing

- ETL Damp Location Listed
- FCC

PERFORMANCE SUMMARY*

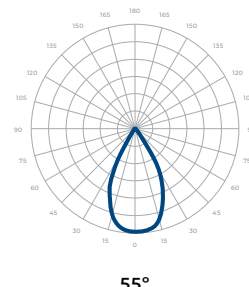
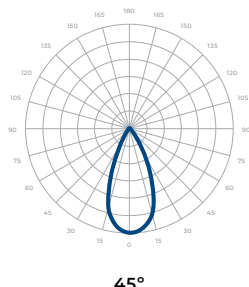
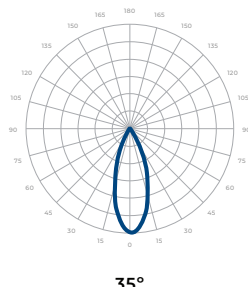
| | Standard Trim | | | |
|-----------------|---------------|---------|---------|---------|
| CCT/ WATTAGE | 2700K | 3000K | 3500K | 4000K |
| 20W | 1,380lm | 1,500lm | 1,610lm | 1,720lm |
| 40W | 3,130lm | 3,290lm | 3,410lm | 3,540lm |
| 60W | 4,920lm | 5,190lm | 5,380lm | 5,580lm |
| 80W | 6,310lm | 6,780lm | 6,990lm | 7,210lm |

| | Current Consumption | |
|----------------|---------------------|-------|
| WATTAGE / VOLT | 120V | 277V |
| 20W | 0.20A | 0.10A |
| 40W | 0.37A | 0.18A |
| 60W | 0.57A | 0.25A |
| 80W | 0.77A | 0.34A |

* 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.



DMX REQUIREMENTS

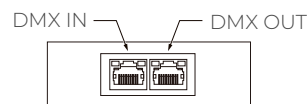
The Rev 4 LED fixture with DMX is a **single channel dmx** unit.

When placing an order, please indicate DMX address. (The DMX address will be listed on the back of the fixture.)

The LED fixture provides RJ45 socket or XLR socket to connect. (DMX cable **not** included.)

The final fixture should be terminated by the use of a DMX terminator (by others).

| 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 |



RJ45 Sockets



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.

COMPATIBLE LTE DIMMER LIST

| LUTRON PART NO. | | | | | | |
|-----------------|------------|-----------|----------------|-------------|-----------|-----------|
| RRD-6NA- | RRT-G5NEW- | RRT-GH | HQRD-10ND- | HQRT-GH | HQRD-HN | PD-10NXD- |
| RRD-6ND | RRT-G25LW- | HQRD-6NA- | MRF2-6ND-120- | HQRT-G25LW- | GT-250M- | PD-5NE- |
| RRD-10ND- | RRD-HN | HQRD-6ND- | MRF2S-6ND-120- | HQRT-G5NEW- | GTJ-250M- | |

COMPATIBLE Lutron DIMMER LIST

| LUTRON PART NO. | | | | | | |
|-----------------|--------------|------------|-------------|----------|---------|----------|
| RMJ-ECO32-DV-B | FCJ/FCJS-ECO | QSN-1ECO-S | QSN-2ECO-S | QSGRJ-_E | QSGR-_E | QP2-__2C |
| QP2-__4C | QP2-__6C | QP2-__8C | LQSE-2ECO-D | | | |

DIMENSIONS

