

ADVANCED HIGH CEILING  
**REV 4 - Retrofit**



4-inch aperture high lumen recessed downlight with lumen output  
 1520 – 8400lm.

| Quantity | Type |
|----------|------|
| Projec   | Note |

**Electrical System**

- 2010lm (20W)
- 4130lm (40W)
- 6500lm (60W)
- 8400lm (80W)
- Power Input: Universal (120-277V)
- Operating Temperature: -40°F~104°F
- Surge Protection: 4KV
- Power Factor Greater than 0.9

**New Construction**

- Non-IC Rated, insulation must be kept >1ft from housing.
- Aperture: 4.25" (108mm)
- Opening of Mounting Frame: 4.72" (120mm) to 5.1" (127mm) Max
- Oversize Trim: 5.25" (133mm)
- Ceiling Cutout: 5" (127mm)
- Maximum Ceiling Thickness: 2" (50.8mm)
- Tool-less top access allows service from above and below.
- Light engine, optics, and driver(s) accessible from below ceiling
- Weight: 7 lbs

**LED Technology**

- 2700K, 3000K, 3500K, 4000K
- 85 CRI, 93 CRI
- Beam Angle: 35°, 45°, 55°
- Rated Life > 60,000 Hours (L70)

**Warranty**

- 5-year limited warranty

**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%
- 20W/40W only:
  - 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 (UNV only)

**Listing**

- ETL Damp Location Listed
- FCC



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## How to Specify:

**Ordering Example: RS4R-80-358-UNV-STV-35-WHT**

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

| Model          | Wattage                           | CCT / CRI                | Voltage             | Dimming   |
|----------------|-----------------------------------|--------------------------|---------------------|---|
| RS4N           |                                   |                          | UNV                 |   |
| RS4N           | <b>20</b> 20W                     | <b>278</b> 2700K / CRI85 | <b>UNV</b> 120-277V | <b>NOD</b> Non-Dimming  |
| REV4 inch with | <b>40</b> 40W                     | <b>308</b> 3000K / CRI85 |                     | <b>STV</b> Standard 0-10V dims to 10%   |
| Retrofit       | <b>60*</b> 60W                    | <b>358</b> 3500K / CRI85 |                     | <b>SPV</b> Superior 0-10V dims to dark  |
|                | <b>80*</b> 80W                    | <b>408</b> 4000K / CRI85 |                     | <b>DMX</b> DMX dims to 0.1% (XLR Sockets)   |
|                |                                   | <b>279</b> 2700K / CRI93 |                     | <b>DMX(RJ45)</b> DMX dims to 0.1% (RJ45 Sockets)                                      |
|                |                                   | <b>309</b> 3000K / CRI93 |                     | <b>LTE</b> Hi-Lume 1% 2-wire LED Driver<br>(120V forward phase only)                  |
|                |                                   | <b>359</b> 3500K / CRI93 |                     | <b>LDE1</b> Hi-Lume 1% EcoSystem LED Driver<br>with Soft-on, Fade-to-Black (UNV only) |
|                |                                   |                          |                     | <b>DALI</b> DALI dims to 10%  |
|                | *Not compatible with LTE and LDE1 |                          |                     | * Option not available for 60W and 80W.   |

## Beam Angle      Finish      Accessories

| Beam Angle    | Finish           | Accessories                                 |
|---------------|------------------|---|
| <b>35</b> 35° | <b>BLK</b> Black | <b>EMP</b> Remote Emergency Pack            |
| <b>45</b> 45° | <b>WHT</b> White | <b>SCA410</b> Sloped Ceiling Adapter 8°-12° |
| <b>55</b> 55° |                  |   |

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**Delivered Lumens\***

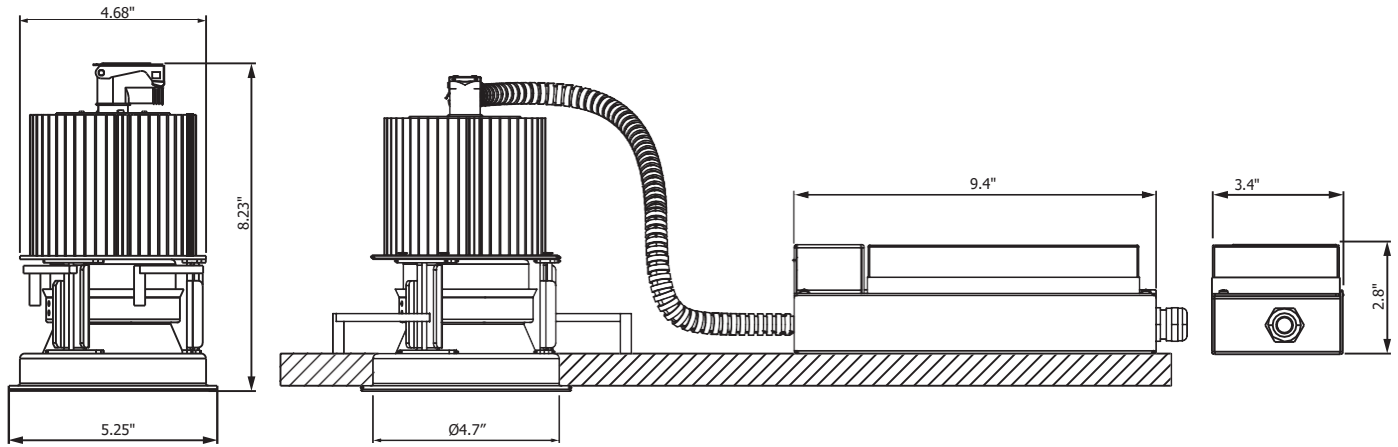
| Wattage \ CCT | 20W             | 40W     | 60W     | 80W     |
|---------------|-----------------|---------|---------|---------|
|               | Beam Angle: 35° |         |         |         |
| 5000K         | 1830 lm         | 3750 lm | 5910 lm | 7640 lm |
| 4000K         | 1720 lm         | 3540 lm | 5580 lm | 7210 lm |
| 3500K         | 1610 lm         | 3410 lm | 5380 lm | 6990 lm |
| 3000K         | 1500 lm         | 3290 lm | 5190 lm | 6780 lm |
| 2700K         | 1380 lm         | 3130 lm | 4920 lm | 6310 lm |

\*Tolerance±8%

**Current Consumption**

| Wattage \ Volt | 120V  | 277V  |
|----------------|-------|-------|
| 20W            | 0.22A | 0.10A |
| 40W            | 0.41A | 0.18A |
| 60W            | 0.57A | 0.25A |
| 80W            | 0.77A | 0.34A |

**Dimensions**



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**DMX Requirements**

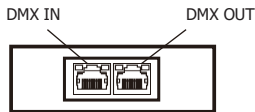
The REV 4 LED fixture with DMX is a ONE CHANNEL DMX unit.

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

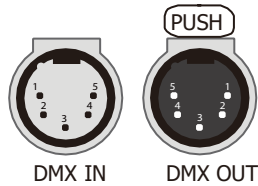
The LED fixture provide RJ45 Socket or XLR socket to connect. (DMX cable NOT included.)

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

**RJ45 Sockets**



**XLR Sockets**



| 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 TRIAC 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- |           |