

ADVANCED HIGH CEILING
REV 4 - Retrofit



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

Quantity	Type
Project	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

Retrofit

- 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)
- Maximum Ceiling Thickness: 2" (50.8mm)
- Tool-less top access allows service from above.
- Light engine, optics, and driver(s) accessible from below ceiling
- Weight: 7lbs

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%

Listing

- ETL Damp Location Listed
- FCC

- 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)



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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

RS4R

RS4R
 REV 4 inch
 Retrofit

Wattage

20	20W
40	40W
60*	60W
80*	80W

*Not compatible with
 LTE and LDE1

CCT / CRI

278	2700K / CRI85
308	3000K / CRI85
358	3500K / CRI85
408	4000K / CRI85
279	2700K / CRI93
309	3000K / CRI93
359	3500K / CRI93

Voltage

UNV 120-277V

Dimming

NOD	Non-Dimming
STV	Standard 0-10V dims to 10%
SPV	Superior 0-10V dims to 1%
DMX	DMX dims to 0.1% (XLR Sockets)
DMX(RJ45)	DMX dims to 0.1% (RJ45 Sockets)
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)
DALI	DALI dims to 10%

* Option not available for 60W and 80W.

Beam Angle

35	35°
45	45°
55	55°

Finish

BLK	Black
WHT	White

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Delivered Lumens

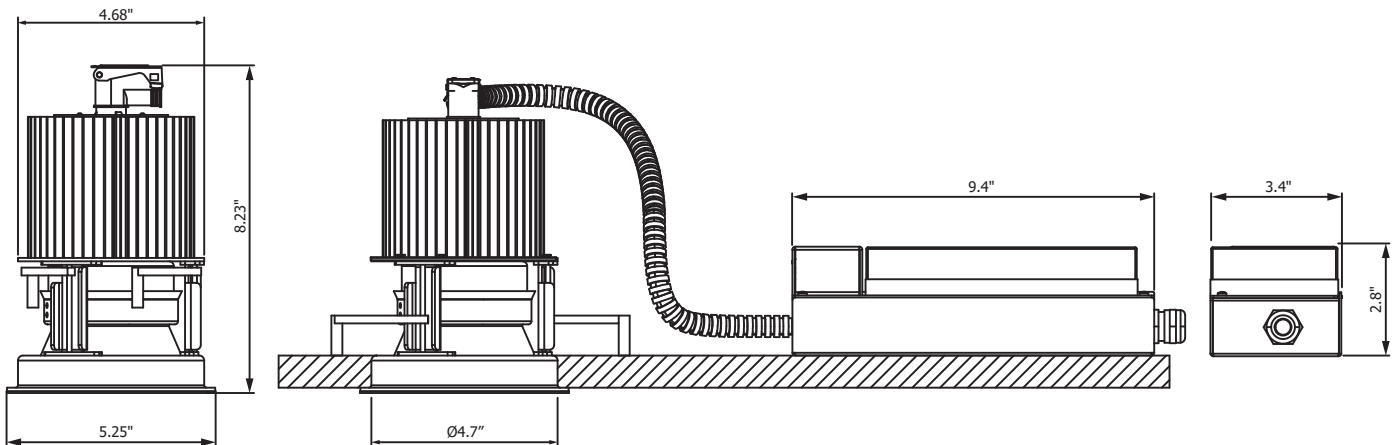
Wattage \ CCT	20W	40W	60W	80W
	Beam Angle: 45°			
5000K	2010 lm	4130 lm	6500 lm	8400 lm
4000K	1890 lm	3890 lm	6140 lm	7930 lm
3500K	1770 lm	3750 lm	5920 lm	7690 lm
3000K	1650 lm	3620 lm	5710 lm	7460 lm
2700K	1520 lm	3440 lm	5410 lm	6940 lm

*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

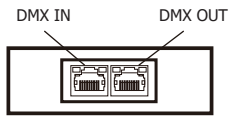
The REV 4 LED fixture with DMX is a ONE CHANNEL DMX unit.

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

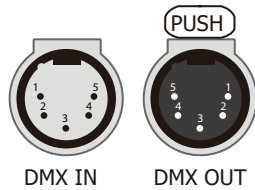
The LED fixture provide RJ45 Socket or XLR socket to connect. (DMX cable NOT included.)

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 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-	

