ADVANCED HIGH CEILING

REV 4 - Retrofit

METEOR

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

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

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)

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

Warranty
- 5-year limited warranty

Listing
- ETL Damp Location Listed
- FCC

*METEOR LIGHTING reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.

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How to Specify:

Ordering Example: RS4R-80-358-120-STV-35-WHT

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

Model	Wattage		CCT / CRI		Voltage		Dimming	
RS4R								
RS4R	**20**	20W	**278**	2700K / CRI85	**120**	120V	**NOD**	Non-Dimming
REV 4 inch Retrofit	**40**	40W	**308**	3000K / CRI85	**277**	277V	**STV**	Standard 0-10V dims to 10%
	60*	60W	**358**	3500K / CRI85			**SPV**	Superior 0-10V dims to dark
	80*	80W	**408**	4000K / CRI85			**DMX**	DMX dims to 0.1% (XLR Sockets)
			279	2700K / CRI93			**DMX(RJ45)**	DMX dims to 0.1% (RJ45 Sockets)
			309	3000K / CRI93			**LTE***	Hi-Lume 1% 2-wire LED Driver
			359	3500K / CRI93				(120V forward phase only)
							LDE1*	Hi-Lume 1% EcoSystem LED Driver
								with **Soft-on, Fade-to-Black** (UNV only)
							DALI*	DALI dims to 10%
	*Not compatible with LTE and LDE1						***** Option not available for 60W and 80W.	

Beam Angle   Finish

Beam Angle		Finish	
35	35º	**BLK**	Black
45	45º	**WHT**	White
55	55º		
		*Finish indicates Trim only, with standard matte silver reflector.	

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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

4.68"
8.23"
5.25"
Ø4.7"
9.4"
3.4"
2.8"

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ADVANCED HIGH CEILING
# REV 4 - Retrofit

METEOR
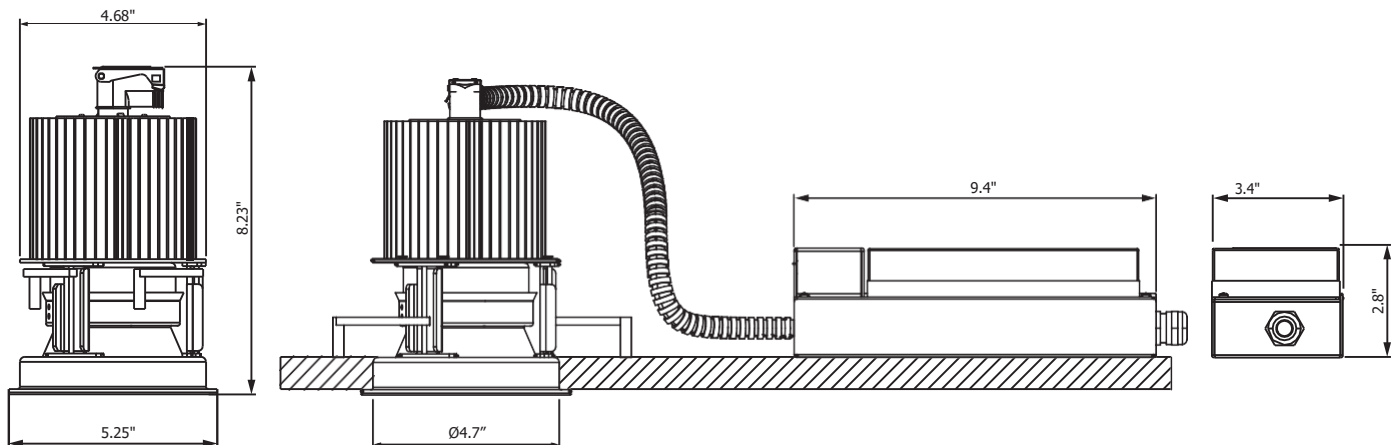
DMX Requirements

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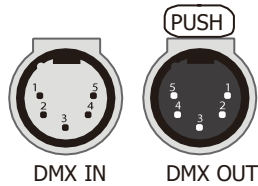
The LED fixture provide RJ45 Socket or XLR socket to connect. (DMX cable NOT included.)

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

RJ45 Sockets

DMX IN   DMX OUT

XLR Sockets

(PUSH)

DMX IN   DMX OUT
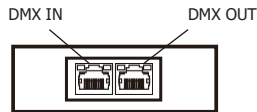
CONNECTION	RJ45 (CAT5e)	5-PIN XLR
Common	WHITE/BROWN(PIN7) & BROWN (PIN 8)	PIN 1
Signal -	ORANGE (PIN 2)	PIN 2
Signal +	WHITE/ORANGE(PIN 1)	PIN 3
Spare	-	PIN 4
Spare	-	PIN 5

Compatible 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 for DMX installation. Belden 9729 is a two pair cable, which allows for a spare pair for 'out and back' type terminations if needed. Below is a list of other compatible Belden cables.

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-	