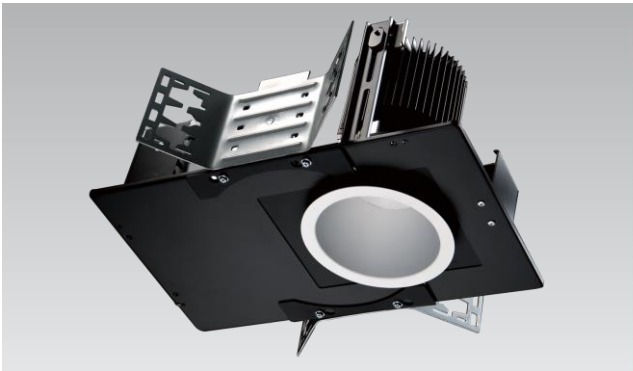ADVANCED HIGH CEILING
REV 4 - New Construction

METEOR

4-inch aperture high lumen recessed downlight with lumen output 1380 – 7930lm.

- Tunable White

(Please refer to Tunable White Version spec sheet)

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
- Emergency Pack with Mounting Plate: Bodine BSL20B2UEK55C1I1

LED Technology
- 2700K, 3000K, 3500K, 4000K
- 85 CRI, 93 CRI
- Beam Angle: 35°, 45°, 55° (Low trim ONLY)
- 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)
- 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: 8.8 lbs
- *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

ETL LISTED Intertek **FC**

ADVANCED HIGH CEILING

REV 4 - New Construction

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How to Specify:

Ordering Example: RS4N-80-358-120-STV-35-WHT

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

Model	Wattage		CCT / CRI		Voltage		Dimming	
RS4N								
RS4N	**20**	20W	**278**	2700K / CRI85	**120**	120V	**NOD**	Non-Dimming
REV4 inch with	**40**	40W	**308**	3000K / CRI85	**277**	277V	**STV**	Standard 0-10V dims to 10%
New Construction frame	**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		Accessories	
35	35º with standard trim	**BLK**	Black	**EMP**	Remote Emergency Pack
45	45º with standard trim	**WHT**	White	**SCA410**	Sloped Ceiling Adapter 8°-12°
55	55º with low trim				
		*Finish indicates Trim only, with standard matte silver reflector.			

ADVANCED HIGH CEILING
REV 4 - New Construction

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Delivered Lumens* (Standard Trim)

CCT \ Wattage	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%

Delivered Lumens* (Low Trim)

CCT \ Wattage	20W	40W	60W	80W
	Beam Angle: 55°			
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

ADVANCED HIGH CEILING
REV 4 - New Construction

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Dimensions

14"
8.3"

Ø4.6"
Ø5.3"
7.9"

Trim Type

3.3"

Standard Trim

2.6"
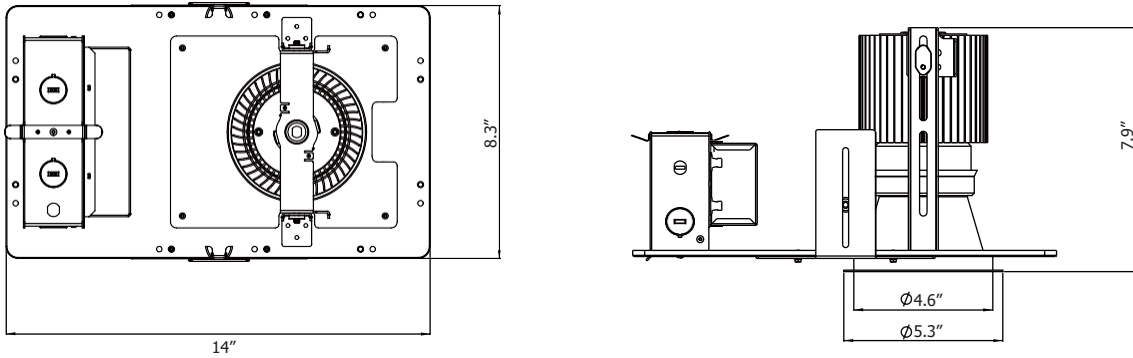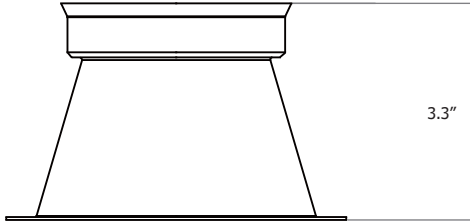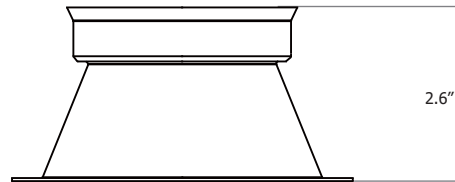
Low Trim

Remote Emergency Pack

1.16"
15.34"

2.25"
1.37"
15.0"

ADVANCED HIGH CEILING
REV 4 - New Construction
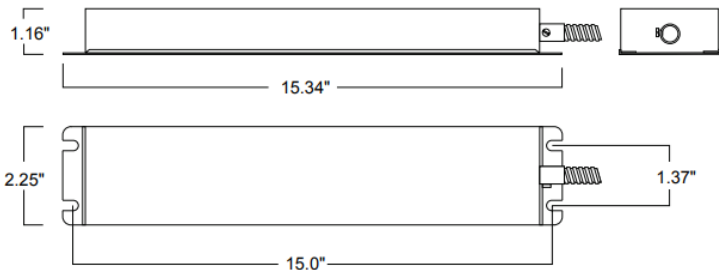
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DMX Requirements

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.)
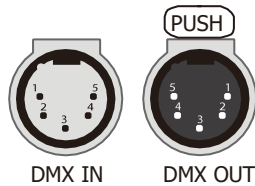The LED fixture provide RJ45 Socket or XLR socket to connect. (DMX cable NOT included.)
The final fixture should be terminated by the use of DMX Terminator (by others).

RJ45 Sockets

DMX IN   DMX OUT

XLR Sockets

(PUSH)

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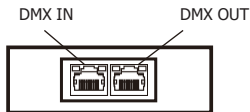
CONNECTION	RJ45 (CAT5e)	5-PIN XLR
Common	WHITE/BROWN(PIN7) & BROWN (PIN 8)	PIN 1
Signal -	ORANGE (PIN 2)	PIN 2
Signal +	WHITE/ORANGE (PIN 1)	PIN 3
Spare	-	PIN 4
Spare	-	PIN 5

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-	

Mounting Plate for Emergency Pack

Emergency Pack

Mounting Plate