ADVANCED HIGH CEILING

REV 6 - New Construction

METEOR

6-inch aperture high lumen recessed downlight with lumen output 3470 – 10450lm for new and retrofit applications.

Quantity		Type	
Project		Note	

Electrical System

- 3990lm (40W)
- 6490lm (60W)
- 8040lm (80W)
- 10450lm (100W)
- Power Input: 120V or 277V
- Operating Temperature: -40°F~112°F
- Surge Protection: 4KV
- Emergency Pack with Mounting Plate: Bodine BSL20B2UEK55C1I1
- Power Factor Greater than 0.9

LED Technology

- 2700K, 3000K, 3500K, 4000K, 5000K
- 75 CRI, 85 CRI, 93 CRI
- Beam Angle: 40°, 60°, 100° (with diffuser)
- 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:** dim to 1 %
- **DMX:** high resolution dims to 0.1% (Supports ANSI E1.20 RDM protocol)
- **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**: dims to 10%

New Construction

- Non-IC Rated, insulation must be kept >1ft from housing.
- Aperture: 6.3" (160mm)
- Oversize Trim: 7.2" (183mm)
- Ceiling Cutout: 6.7" (170mm)
- 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
- Weight: 13.22 lbs
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Note: C-Channel / Mounting Channels / T-Bar Hangers are purchased from a third party

Warranty

- 5 years limited warranty.

Listing

- ETL Damp Location Listed
- FCC

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How To Specify:

Ordering Example: RS6N-80-308-120-SPV-40-BLK

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

Model	Wattage		CCT / CRI		Voltage		Dimming	
RS6N								
RS6N	**40**	40W	**278**	2700K / CRI85	**120**	120V	**NOD**	Non-Dimming
REV 6 inch with	**60**	60W	**308**	3000K / CRI85	**277**	277V	**STV**	Standard 0-10V dims to 10%
New Construction frame	**80**	80W	**358**	3500K / CRI85			**SPV**	Superior 0-10V dims to 1%
	100	100W	**408**	4000K / CRI85			**DMX**	DMX dims to 0.1% (XLR Sockets)
			507	5000K / CRI75			**DMX(RJ45)**	DMX dims to 0.1% (RJ45 Sockets)
			279	2700K / CRI93			**LTE**	Hi-Lume 1% 2-wire LED Driver
			309	3000K / CRI93				(120V forward phase only)
			359	3500K / CRI93			**LDE1**	Hi-Lume 1% EcoSystem LED Driver
								with Soft-on, Fade-to-Black (UNV only)
							DALI*	DALI dims to 10%
							*Option not available for 100W.	

Beam Angle		Finish		Accessories	
40	40º	**BLK**	Black	**SSR**	Semi-Specular Reflector
60	60º	**WHT**	White	**SPD**[1]	Surge Protector
WD*	WIDE			**EMP**	Remote Emergency Pack
				DF[2]	Diffuser
				SCA610	Sloped Ceiling Adapter 8°-12°
				SCA615	Sloped Ceiling Adapter 13°-17°
				SCA620	Sloped Ceiling Adapter 18°-22°
				SCA625	Sloped Ceiling Adapter 23°-27°

*Please factor in change in lumen output with diffuser (-20% with WD; -12% with other degrees).

*Finish indicates Trim only, with standard matte silver reflector

[1]Surge protector for up to 10KV. Applicable for unstable mains or facilities using high power machineries
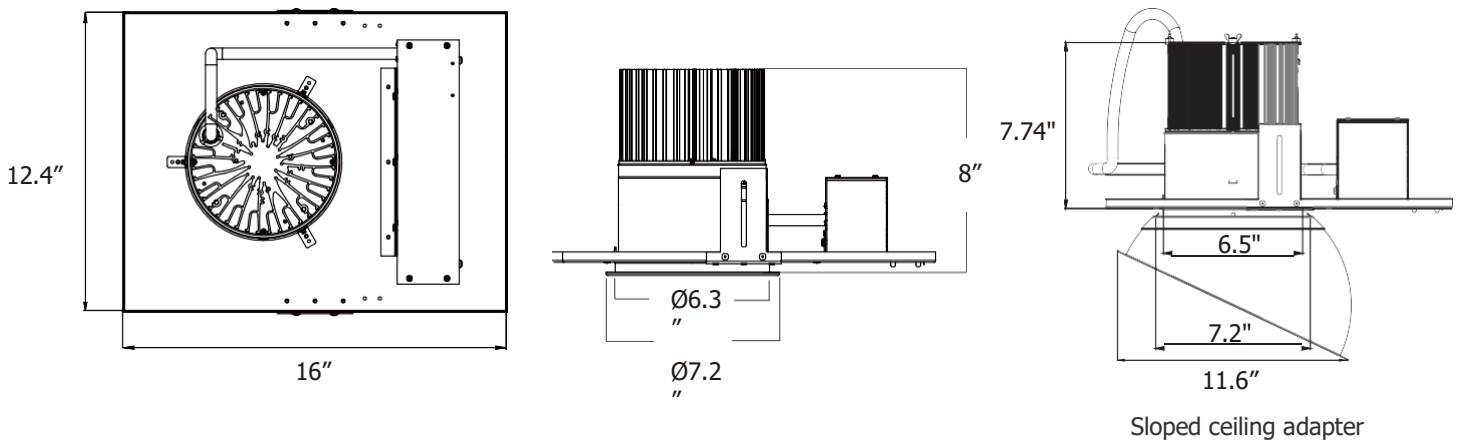[2]Please factor in change in lumen output with diffuser (-20% with WD; -12% with other degrees).

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Delivered Lumens*

Wattage \ CCT	40W	60W	80W	100W
	Beam Angle: 40°			
5000K	3990 lm	6490 lm	8040 lm	10450 lm
4000K	3895 lm	6180 lm	7845 lm	9250 lm
3500K	3710 lm	5890 lm	7620 lm	9130 lm
3000K	3640 lm	5780 lm	7195 lm	8900 lm
2700K	3470 lm	5500 lm	6725 lm	8210 lm

*Tolerance±8%

Current Consumption

Wattage \ Volt	120V	277V
40W	0.37A	0.16A
60W	0.55A	0.24A
80W	0.73A	0.32A
100W	0.92A	0.40A

Dimensions

12.4″
16″
Ø6.3″
Ø7.2″
7.74″
8″
6.5″
7.2″
11.6″

Sloped ceiling adapter

Remote Emergency Pack

1.16″
15.34″
2.25″
1.37″
15.0″

ADVANCED HIGH CEILING
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METEOR
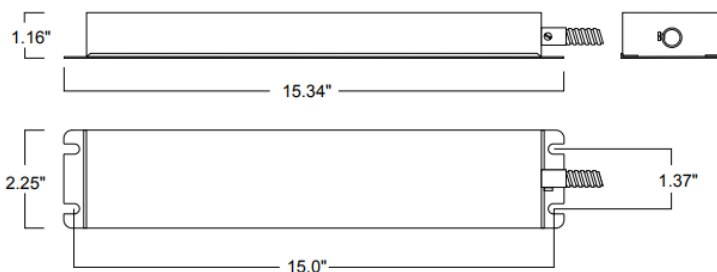
DMX Requirements

The REV 6 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.)
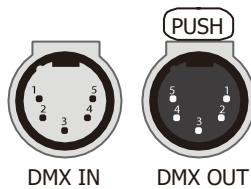The LED fixture provide RJ45 Socket or XLR socket to connect. (DMX cable NOT included.)
The final fixture should be terminated by the use of DMX Terminator (by others).
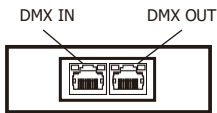
RJ45 Sockets   XLR Sockets

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 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 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-	

Mounting Plate for Emergency Pack

Emergency Pack

Mounting Plate
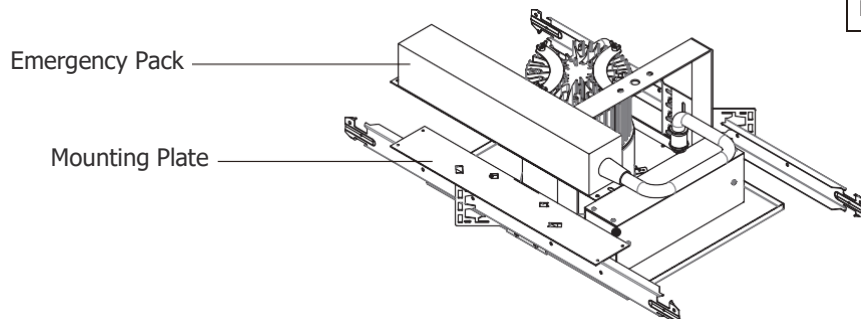
Emergency Pack Lumen Output Table

CCT	2700K	3000K	4000K	5000K
Lumen	1640 lm	1760 lm	1890 lm	1950 lm