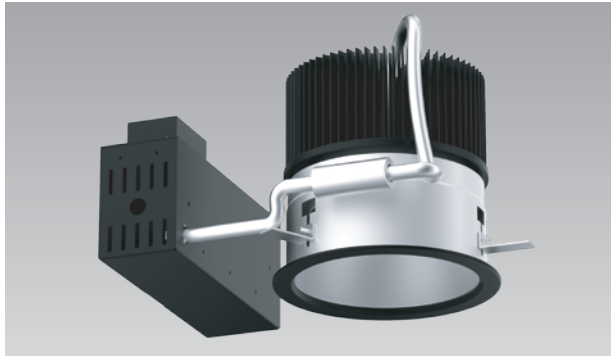ADVANCED HIGH CEILING

REV 8 Prime - Retrofit

METEOR

8-inch aperture high lumen recessed downlight with lumen output 18972 - 24867lm for new and retrofit applications. Additional feature includes ColorFlip™ tunable white.
- ColorFlip™ (Please refer to Tunable White Version spec sheet)
Utilize latest flip chip technology for optimum efficacy, delivering consistent high lumen output with 105LPW at CRI85+ when color tuning from 2700K to 6500K. Compatible to all 0-10V and DMX dimming controls.

Quantity		Type	
Project		Note	

Electrical System

- 21204 lm (185W)
  24867 lm (225W)
- Power Input: 120V or 277V
- Operating Temperature: -40°F~112°F
- Surge Protection: 4KV

LED Technology

- 2700K, 3000K, 3500K, 4000K
- 85 CRI
- Beam Angle: 30°, 45°, 55°, 100° (with diffuer)
- Rated Life > 60,000 hours (L70)

Advanced Dimming

(Proprietary VX Driver is incorporated to all dimming options for video flicker-free lighting)
- DMX : high resolution dims to 0.1%
  (Supports ANSI E1.20 RDM protocol)

- Superior 0-10V : dims to 1%

185W only
- TRIAC: Line-voltage phase control, dims to 1% **(120V only)**
- 3-wire: LUTRON Hi Lume 3-wire, dims to 1% **(UNV only)**
- ECOsystem: LUTRON Hi Lume ECOsystem, dims to 1 % **(UNV only)**

Retrofit

- Non-IC Rated, insulation must be kept >1ft from housing.
- Aperture: 8.1" (207mm)
- Opening of Mounting Frame: 8.03" (204mm) to 9.0" (228mm) Max
- Oversize Trim: 9.13'' (232mm)
- Maximum ceiling thickness: 1.5" (38mm)
- Light engine, optics, and driver(s) accessible from below ceiling
- Weight: 16.13lbs
- Goof Ring 14": Aluminum, standard white finish; O. D. 14"; other size and finish available, please inquire

Warranty

- 5 years limited warranty.

Listing

- ETL Listed
- FCC

METEOR LIGHTING   P: 213.255.2060   F: 213.596.3704   www.meteor-lighting.com   2018 V1.1 | Page 1 of 4

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

ADVANCED HIGH CEILING

REV 8 Prime - Retrofit

METEOR

How To Specify:

Ordering Example: R8PR-185-278-277-ECO-WD-WHT

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

Model	Wattage	CCT / CRI	Voltage	Dimming		
R8PR						
R8PR REV 8 inch Prime Retrofit	**185** 185W **225** 225W	**278** 2700K / CRI85 **308** 3000K / CRI85 **358** 3500K / CRI85 **408** 4000K / CRI85	**120** 120V **277** 277V	**NOD**	Non-Dimming	
				SPV	Superior 0-10V dims to 1%	
				DMX	DMX dims to 0.1% (XLR Sockets)	
				DMX(RJ45)	DMX dims to 0.1% (RJ45 Sockets)	
				TRC[1]	TRIAC dims to 1% (120V ONLY)	
				ECO[1]	LUTRON ECOsystem dims to 1% (UNV ONLY)	
				3WIR[1]	LUTRON 3-wire dims to 1% (UNV ONLY)	

[1] Option is ONLY compatible to 185W

Beam Angle	Finish	Accessories	
30 30º	**BLK** Black	**DF**[1]	Diffuser
45 45º	**WHT** White	**SPD**[2]	Surge Protector
55 55º		**GR12**	Goof Ring 9.2" to 12"
WD[1] 100º (with diffuser)		**GR14**	Goof Ring 9.2" to 14"

[1] Please factor in change in lumen output with diffuser (-20% with DF).

[1] Please factor in change in lumen output with diffuser (-20% with DF).

[2] Surge protector for up to 10KV. Applicable for unstable mains or facilities using high power machineries.

ADVANCED HIGH CEILING

REV 8 Prime - Retrofit

METEOR

Delivered Lumens*

Wattage / CCT	185W	225W
	Beam Angle: 30°	
4000K	21204 lm	24867 lm
3500K	20646 lm	24212 lm
3000K	20088 lm	23558 lm
2700K	18972 lm	22249 lm

*Tolerance ± 8%

Current Consumption

Wattage / Volt	120V	277V
185W	1.65A	0.71A
225W	2.02A	0.87A

Dimensions

8.62"

Max. ceiling thickness: 1.5"

Ø8.03" MIN.
Ø9.0" MAX.
Ø9.13"

15" Flexible Conduit

To LED Module

Power Box

To Existing Junction Box

Goof Ring

Ø8.03" MIN.
Ø9.0" MAX.
Ø9.13"
Ø14"

GR14

Ø8.03" MIN.
Ø9.0" MAX.
Ø9.13"
Ø12"

GR12

ADVANCED HIGH CEILING
REV 8 Prime - Retrofit

METE O R
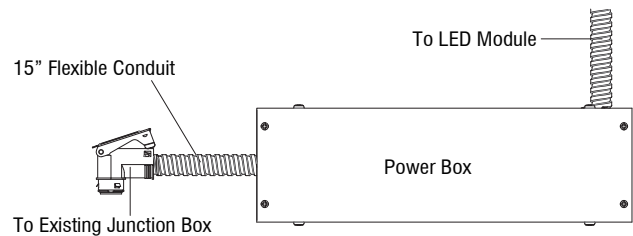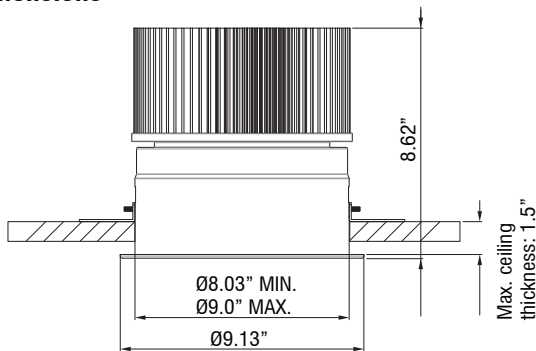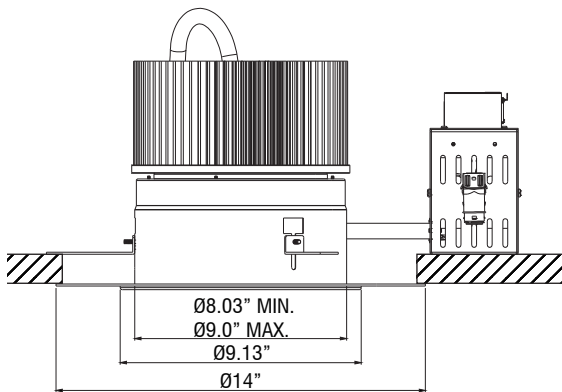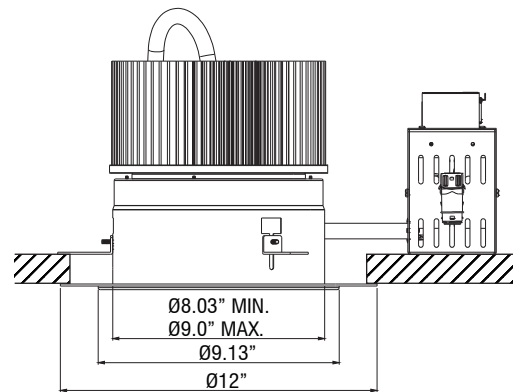
DMX Requirements

The 8" REV 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.)
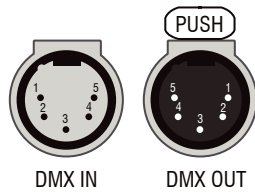The LED fixture provide RJ45 Socket or XLR socket to connect. (DMX cable NOT included.)
The final fixture should be terminated by the use of DMX Terminator (by others).

RJ45 Sockets

DMX IN   DMX OUT

XLR Sockets

PUSH

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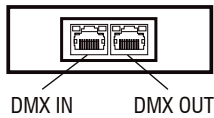
CONNECTION	RJ45 (CAT5e)	5-PIN XLR
Common	WHITE/BROWN(PIN7) & BROWN(PIN 8)	PIN 1
Signal -	ORANGE(PIN 2)	PIN 2
Signal +	WHITE/ORANGE(PIN 1)	PIN 3
Spare	-	PIN 4
Spare	-	PIN 5

Compatible 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-	