ADVANCED HIGH CEILING

REV 4 Retrofit - W+RGB

METEOR

4-inch aperture high lumen recessed downlight utilizing Meteor Lighting's proprietary ColorFlip™ W + RGB solution, that gives you True White light and unlimited RGB possibilities. This product is compatible with all DMX control systems and follows ANSI E1.20 RDM protocol. You can now get white and RGB colors all from a single light source.

Quantity		Type	
Projec		Note	

Electrical System

- 2900lm (50W)
- Power Input: Universal (120-277V)
- Operating Temperature: -40°F~104°F
- Surge Protection: 4KV

LED Technology

- White: CCT 3000K
- 85 CRI, 93 CRI
- Beam Angle: 45°, 55°
- 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)

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)
- 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

c ETL us Listed
Intertek

FC

*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-50-308C-120-DMX-45-WHT

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

Model	Wattage		CCT / CRI		Voltage		Dimming	
RS4R	50							
RS4R	**50**	50W	**308C**	3000K / CRI85	**120**	120V	**DMX**	DMX dims to 0.1% (XLR Sockets)
REV 4 inch Retrofit				+RGB	**277**	277V	**DMX(RJ45)**	DMX dims to 0.1% (RJ45 Sockets)

Beam Angle   Finish

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

Delivered Lumens

Wattage / CCT	50W	
	Beam Angle: 45°	
R	8 W	149 lm
G	8 W	988 lm
B	8 W	117 lm
W	25 W	2016 lm

*Tolerance±8%

Current Consumption

Wattage / Volt	120V	277V
50W	0.48A	0.21A

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Dimensions
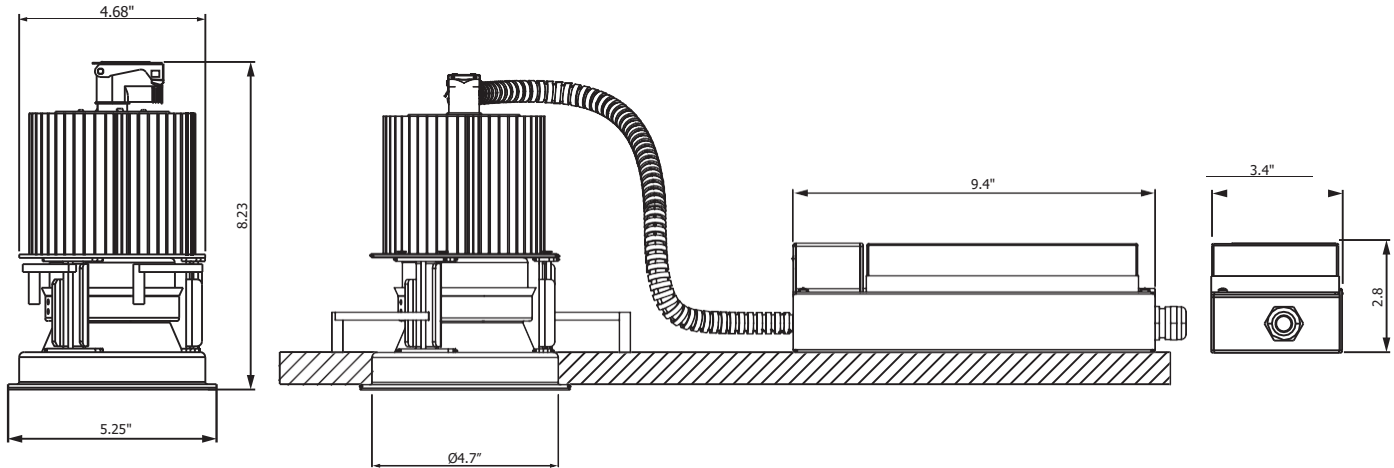
DMX Requirements

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).

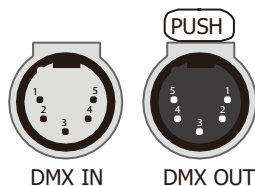| Fixture	DMX Address			
	Red Control (ex. X)	**Green Control (ex. X+1)**	**Blue Control (ex. X+2)**	**White Control (ex. X+3)**
#1	1	2	3	4
#2	5	6	7	8
#3	9	10	11	12

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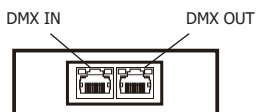
CONNECTION	RJ45 (CAT5e)	5-PIN XLR
Common	WHITE/BROWN(PIN7) & BROWN (PIN 8)	PIN 1
Signal -	ORANGE (PIN 2)	PIN 2
Signal +	WHITE/ORANGE (PIN 1)	PIN 3
Spare	-	PIN 4
Spare	-	PIN 5

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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.