

# REV 4

SPECIFICATION SHEET  
RETROFIT- W+RGB

## QUIET CEILING DESIGN HIGH LUMEN RECESSED DOWNLIGHT

### Housing

Aperture : Ø4.3" | Oversize Trim : 5.3" | Maximum Ceiling Thickness : 2"  
Opening of Mounting Frame : 4.7" to 5.1" | Height : 8" | Weight : 7 lbs

### Material

Housing : Extruded Aluminum  
Reflector : Flow Forming Aluminum

### Power Input

50W (W=25W, RGB=25W) | 120V, 277V

### Lumen Output

3,280lm (50w)

### Dimming

DMX : High resolution dims to 0.1%

### Color Quality

CRI 85, CRI 93

### Rated Life

> 60,000 Hours (L70)

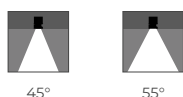
### Finish



### Color Temperature



### Optics



### Warranty

5 Year limited warranty

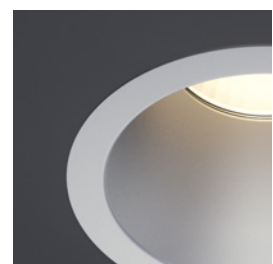
### Listing



## Precision Engineered For High Performance.

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.



# METEOR

[meteor-lighting.com](http://meteor-lighting.com)

**SPECIFICATION**

PROJECT NAME

DATE

CATALOG #

QUANTITY

<b>RS4R</b>	MODEL	<b>REV 4 RETROFIT</b>	
<b>50</b>	WATTAGE	<b>50</b> 50W	
<b>308C</b>	CCT / CRI	<b>308C</b> 3000K / CRI 85 + RGB	
	VOLTAGE	<b>120</b> 120V	<b>277</b> 277V
	DIMMING	<b>DMX</b> DMX dims to 0.1% (XLR Sockets)	<b>DMX(RJ45)</b> DMX dims to 0.1% (RJ45 Sockets)
	BEAM ANGLE	<b>45</b> 45°	<b>55</b> 55°
	FINISH*	<b>BLK</b> Black	<b>WHT</b> White

\* Finish indicates trim only, with standard matte silver reflector.

## TECHNICAL DETAILS

### Electrical

- 3,280 lm (50W)
- Power Input: 120V or 277V
- Operating Temperature: -20°F~104°F
- Surge Protection: Built-in is 4KV
- Power Factor Greater than 0.9

### LED Features

- Color Temperature : 3000K + RGB
- CRI 85, CRI 93
- Long lasting LED luminaire tested under TM21 lumen maintenance L70 @ 60,000 Hrs

### Optics

- Flow Forming Aluminum Reflector
- Beam Angle : 45°, 55°

### 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)

### Retrofit Housing

- Aperture : Ø4.3"
- Height : 8"
- Weight : 7 lbs
- Material : High Pressure Aluminum
- Non-IC Rated, insulation must be kept >1ft from housing
- Oversize Trim : 5.3"
- Opening of Mounting Frame : 4.7" to 5.1" Max
- Maximum Ceiling Thickness : 2"
- Tool-less top access allows service from above and below
- Light engine, optics, and driver(s) accessible from below ceiling

### Warranty

- 5-year limited warranty

### Listing

- ETL Damp Location Listed
- FCC

## PERFORMANCE SUMMARY\*

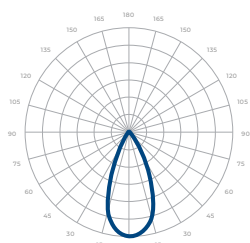
Standard				
CCT/WATTAGE	R	G	B	W
50W	8W	8W	8W	25W
	150lm	1,000lm	115lm	2,015lm

Current Consumption		
WATTAGE / VOLT	120V	277V
50W	0.48A	0.21A

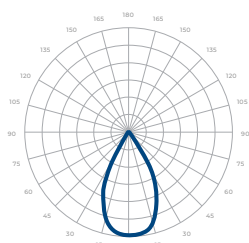
\*Beam Angle: 45° \*Tolerance ±8%

## PHOTOMETRICS

Below is a typical photometric representation of the Rev 4 fixture. Please download IES files to ensure exact photometric value.



45°



55°

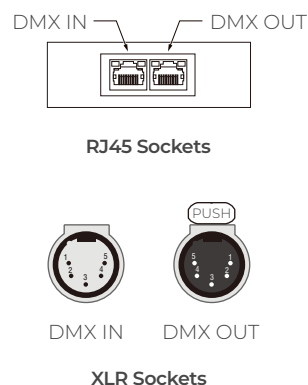
## DMX REQUIREMENTS

The Rev 4 LED W+RGB fixture with DMX is a **four channel dmx** unit.  
When placing order, please indicate DMX address (refer to DMX Address example below).  
The DMX address will be listed on the back of the fixture.

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).

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 or Belden 9841 for DMX installation. Belden 9729/9841 is a two pair cable, which allows for a spare pair for 'out and back' type terminations if needed.

**DIMENSIONS**

