REV 8 PRIME

SPECIFICATION SHEET
ARCHI-COLOR™ W+RGB & W+HUE

QUIET CEILING DESIGN
HIGH LUMEN RECESSED DOWNLIGHT

Housing
Aperture : Ø9" | Oversize Trim : 9.13" | Ceiling Cutout : 8.25"
Maximum Ceiling Thickness : 1.5" | Height : 8.6"
Weight : 17.63 lbs/18.82 lbs (New Construction), 16.13 lbs (Retrofit)

Material
Housing : Forged Aluminum Heatsink
Reflector : Flow Forming Aluminum

Power Input
W+RGB :
200W TypeA(White=100W, RGB=100W) | 120-277V
200W TypeB(White=150W, RGB=50W) | 120-277V
W+Hue :
200W(White=132W, HSV=66W) | 120-277V

Lumen Output
W+RGB : 13,250 lm (200W TypeA), 14,145 lm (200W TypeB)
W+Hue : 16,050 lm (200W)

Dimming
DMX : High resolution dims to 0.1%

Color Quality	Rated Life
CRI 85	> 100,000 Hours (L70)

Finish

Black White

Color Temperature

3000K + Archi-Color™

Optics

45° 55° Wide

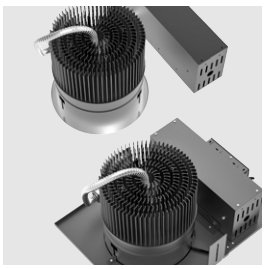
Warranty
5 Year limited warranty

Listing

Precision Engineered For High Performance.

8-inch aperture high lumen recessed downlight utilizing Meteor Lighting's proprietary Archi-Color™ 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

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SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

The product configurator function on this page works only with the latest version of Chrome or Adobe Acrobat Reader.

	MODEL	○ **RS8N** Rev 8 New Construction	○ **RS8R** Rev 8 Retrofit	
	WATTAGE	○ **200** 200W	○ **200A** White=100W/RGB=100W	○ **200B** White=150W/RGB=50W
	CCT / CRI	○ **308C**[1] 3000K + RGB / CRI 85 Archi-Color™ W+RGB	○ **308U**[2] 3000K + RGB / CRI 85 Archi-Color™ W+Hue	
	VOLTAGE	○ **120** 120V	○ **277** 277V	
	DIMMING	○ **DMX** DMX dims to 0.1% (XLR Sockets)	○ **DMXR** DMX dims to 0.1% (RJ45 Sockets)	○ **DMXP** DMX dims to 0.1% (Terminal Block)
	BEAM ANGLE	○ **45** 45°	○ **55** 55°	○ **WD**[3] Wide (With Diffuser)
	FINISH*	○ **BLK** Black	○ **WHT** White	
	ACCESSORIES	☐ **DF**[4] Diffuser ☐ **GR14**[6] Goof Ring 9.2" to 16" ☐ **SCA820**[7] Sloped Ceiling Adapter 18°-22°	☐ **SPD**[5] Surge Protector ☐ **SCA810**[7] Sloped Ceiling Adapter 8°-12° ☐ **SCA825**[7] Sloped Ceiling Adapter 23°- 27°	☐ **GR12**[6] Goof Ring 9.2" to 14" ☐ **SCA815**[7] Sloped Ceiling Adapter 13°-17° ☐ **2CPL**[8] 2' X 2' X 1" Custom Metal Ceiling Panel

CLEAR FORM

[1] *308C is not compatible with 200*
[2] *308U is not compatible with 200A, 200B*
[3] *WD option reduces delivered lumens by ~20%*
[4] *DF option reduces delivered lumens by ~12% (~20% with WD)*
[5] *Surge protector for up to 10KV. Applicable for unstable mains or facilities using high power machineries*
[6] *GR includes new reflector and is not compatible with R8PN*
[7] *SCA is not compatible with R8PR*
[8] *2CPL is not compatible with R8PR, SCA810, SCA815, SCA820, SCA825*
[*] *Finish indicates trim only, with standard matte silver reflector*

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REV 01072026

TECHNICAL DETAILS

Electrical

- Archi-Color™ W+RGB :
  13,250 lm (200W TypeA | White = 100W, RGB = 100W)
  14,145 lm (200W TypeB | White = 150W, RGB = 50W)
- Archi-Color™ W+Hue :
  16,050 lm (200W | White = 132W, HSV = 66W)
- Power Input : 120V or 277V
- Operating Temperature : -40°F~112°F
- Surge Protection : Built-in is 4KV
- Power Factor Greater than 0.9

LED Features

- Color Temperature : 3000K+Archi-Color™ W+RGB / W+Hue
- CRI 85
- Long lasting LED luminaire tested under TM21 lumen maintenance L70 @ 100,000 Hrs

Optics

- Flow Forming Aluminum Reflector
- Beam Angle : 45°, 55°, Wide (With diffuser)

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 Housing

- Aperture : Ø8.15" (New Construction), Ø9" (Retrofit)
- Height : 8.6"
- Weight : 17.63 lbs/ 18.82 lbs (New Construction), 16.13 lbs (Retrofit)
- Material : Forged Aluminum Heatsink
- Non-IC Rated, insulation must be kept >1ft from housing
- Oversize Trim : 8.46" (New Construction), 9.13" (Retrofit)
- Ceiling Cutout : 8.25"
- Maximum Ceiling Thickness : 1.5"
- Tool-less top access allows service from above and below
- Light engine, optics, and driver(s) accessible from below ceiling
- Goof Ring 14" : Aluminum, standard white finish; O. D. 16"; other size and finish available, please inquire

  *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
- CE
- UKCA

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PERFORMANCE SUMMARY*

Lumen Performance (W+RGB)				
200W TypeA	R	G	B	W
	615lm	4,075lm	480lm	8,080lm
200W TypeB	R	G	B	W
	220lm	1,700lm	210lm	12,015lm

Wattage (W+RGB)				
Channel / Fixture Wattage	R	G	B	W
200W TypeA	33W	33W	33W	100W
200W TypeB	17W	17W	17W	150W

Lumen Performance (W+Hue)				
200W	R	G	B	W
	930lm	7,330lm	860m	8,720lm

**Beam Angle: 45° * Tolerance ±8%*

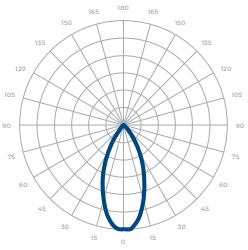
Wattage (W+Hue)		
Channel / Fixture Wattage	HSV*	W
200W	66W	132W

**The output power of any color generated through the three channels of HSV.*

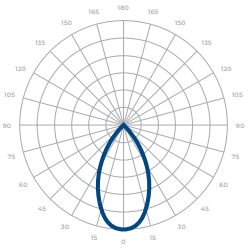
Current Consumption		
WATTAGE / VOLT	120V	227V
200W	1.8A	0.9A

PHOTOMETRICS

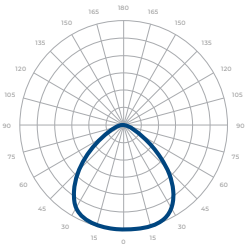
Below is a typical photometric representation of the Rev 8 Prime fixture. Please download IES files to ensure exact photometric value.



45°



55°



WIDE

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REV 01072026

DMX REQUIREMENTS

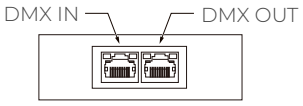
The Rev 8 Prime Archi-Color™ fixture with DMX is a **four channel dmx** unit. When placing an order, please indicate DMX address. (The DMX address will be listed on the back of the fixture). Do not connect more than 32 fixtures per DMX daisy chain.

DMX Address (W+RGB)				
Fixture	**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

DMX Address (W+Hue)				
Channel / Fixture	**Hue (H)**	**Saturation (S)**	**Value / Intensity (V)**	**White Control (W)***
#1	1	2	3	4
#2	5	6	7	8
#3	9	10	11	12

The fixture can be connected with RJ45 or XLR sockets. DMX cables **are not** included; please refer to compatible DMX cabling list for more information. The final fixture on each daisy chain should be terminated by the use of a DMX terminator purchased from a 3rd party or from Meteor.

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



RJ45 Sockets

DMX IN DMX OUT

XLR Sockets

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.

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COLOR TEMPERATURE CHART

This color temperature chart provides the precise values required to recreate specific color temperatures.

Color Temperature Chart (W+Hue)				
Channel / COLOR/CCT	1	2	3	4
	Hue (H)	Saturation (S)	Value / Intensity (V)	White Control (W)*
RED	0	255	255	0
GREEN	85	255	255	0
BLUE	170	255	255	0
1900K	16	255	255	90
2700K	22	255	255	200
3000K	28	255	255	255
3500K	42	225	255	255
4000K	70	165	255	255
4500K	85	150	255	255
5000K	120	215	255	255
6500K	132	255	255	237

**The White Control channel adjusts the brightness of 3000K LEDs.*

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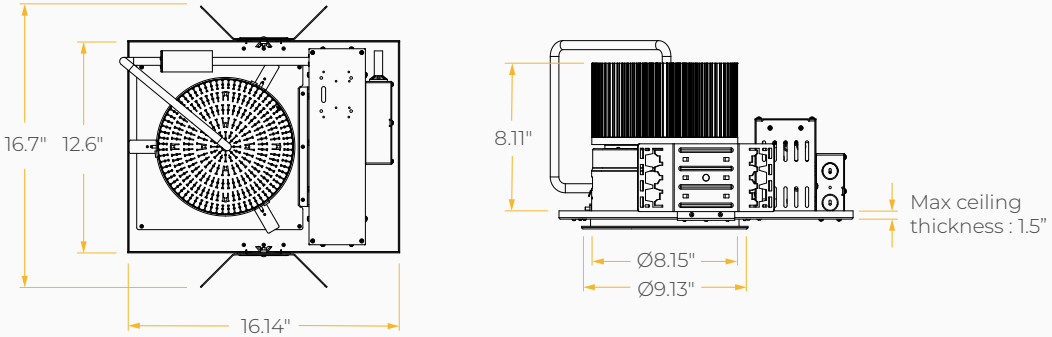
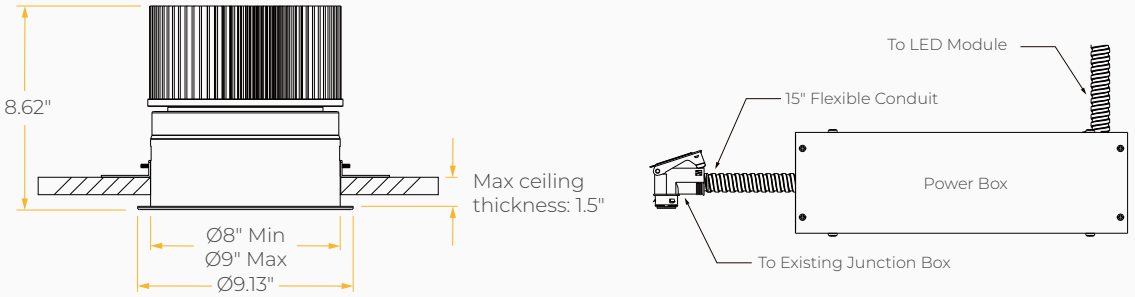
DIMENSIONS

New Construction



Retrofit



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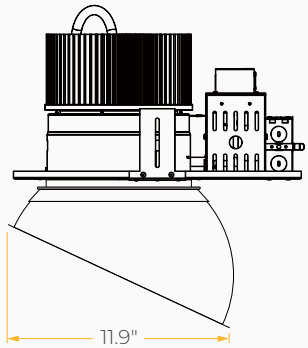
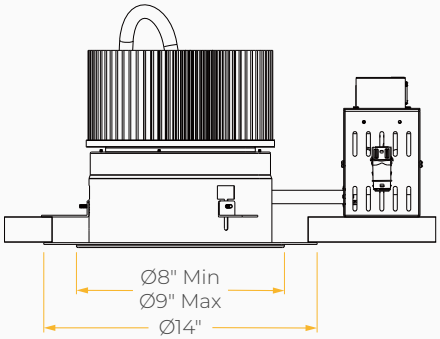
DIMENSIONS

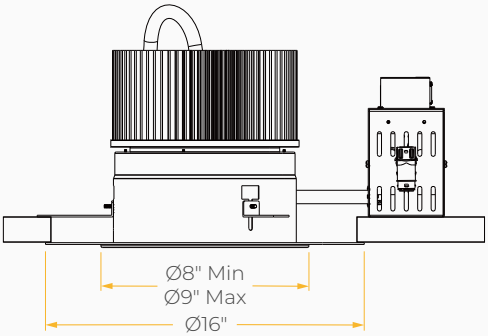
Sloped Ceiling Adapter



Goof Ring 12



Goof Ring 14



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