REV FLEX 2

REVOLUTIONARY ADJUSTABLE DOWNLIGHTS

Housing
Aperture : Ø2.6" | Height : 3.8" | Weight : 1.06 lbs
Maximum Ceiling Thickness : 1" | Ceiling Cutout : 2.8"

Material
Housing: High Pressure Die-Cast Aluminum
Optics: Aluminum Reflector

Power Input
15W (W=4.5W, RGB=9W) , 20W (W=9W, RGB=9W) | 120V, 277V

Lumen Output
375 lm (15W), 570 lm (20W)

Dimming
DMX : High resolution dims to 0.1%

Color Quality
CRI 85

Rated Life
> 100,000 Hours (L70)

Bezel Finish
Matte Black

Matte White

Matte Silver

Trim Finish
Matte Black

Matte White

Color Temperature
3000K + W+RGB   Archi-Color™ W+RGB

Optics
40°

55°

Adjustability
0°-30° Tilt

0°-359° Rotation

Warranty
5 Year limited warranty

Listing
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CE

FC

JA8 TITLE 24 COMPLIANT

Quiet . Adjustable.
Color Changing.

The new REV Flex series is an extension of Meteor's revolutionary downlights with an adjustable factor. Coming in a range of 2", 4" and 6" apertures. The REV Flex series feature 359° rotation, 30° tilt, and a variety of architectural illumination options.

All REV Flex configurations are Title 24 listed, and compatible with our proprietary high efficacy Archi-Color™ color changing technology Archi-Color™ W+RGB. Also features built-in Flicker-Free video recording with our VX™ Driver.

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SPECIFICATION

PROJECT NAME	DATE

CATALOG #	QUANTITY

Code	Category	Option 1	Option 2	Option 3
RF2R	MODEL	**REV FLEX 2 RETROFIT**		
	WATTAGE	**15** 15W	**20** 20W	
A	BEZEL TYPE	**A** Adjustable Bezel		
308C	CCT / CRI	**308C** 3000K / CRI85 +RGB		
	VOLTAGE	**120** 120V	**277** 277V	
	DIMMING	**DMXP**[1] DMX dims to 0.1% (Phoenix Connector)	**DMXR**[1] DMX dims to 0.1% (RJ45 Sockets)	
	TRIM TYPE	**R** Round **SF**[2] Square Flangeless	**S** Square	**RF**[2] Round Flangeless
	TRIM FINISH	**BLK** Matte Black	**WHT** Matte White	
	BEZEL FINISH	**BLK** Matte Black	**WHT** Matte White	**SLV** Matte Silver
	BEAM ANGLE	**40** 40°	**55** 55°	
	ACCESSORIES	**NO** No Accessories	**HC**[3] Hex Cell Louver	

[1] *DMXP and DMXR options does not have below ceiling access*

[2] *Flangeless trims are always white in color*

[3] *Please factor in change in lumen output of -25%*

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Meteor Lighting reserves the right to make changes to this product for design and development improvements at any time without prior notice, and such modification shall be effective immediately. ©Meteor Illumination Technologies, Inc.

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TECHNICAL DETAILS

Electrical
- 375 lm (15W), 570 lm (20W)
- Power Input: 120V or 277V
- Operating Temperature: 14°F~104°F

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

Optics
- Precision molded high transmittance clear PC lens
- Beam Angle: 40°, 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)

Housing
- Aperture: Ø2.6"
- Height: 3.8"
- Weight: 1.06 lbs
- Ceiling Cutout: 2.8"
- Maximum Ceiling Thickness: 1"
- Material: High Pressure Die-Cast Aluminum, Aluminum Reflector
- Non-IC Rated, insulation must be kept >0.5ft from housing.
- Light engine, optics, and driver(s) accessible from below ceiling, except DMX

Warranty
- 5-year limited warranty

Listing
- ETL
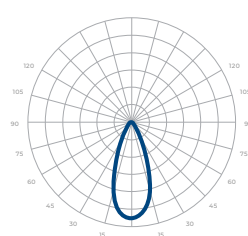- CE
- FCC
- JA8 Title 24 Compliant

PERFORMANCE SUMMARY*

CCT/WATTAGE	Standard			
	R	G	B	W
15W	3W	3W	3W	4.5W
	25lm	135lm	20lm	195lm
20W	3W	3W	3W	9W
	25lm	140lm	15lm	390lm

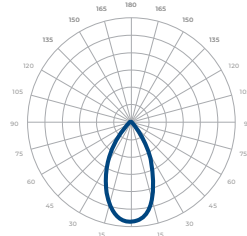| Current Consumption		
WATTAGE / VOLT	120V	277V
15W	0.13A	0.06A
20W	0.17A	0.07A

*Beam Angle: 40° * Tolerance ±8%

PHOTOMETRICS

Below is a typical photometric representation of the Rev Flex 2 fixture. Please download IES files to ensure exact photometric value.

40°

55°

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DMX REQUIREMENTS

The Rev Flex 2 Archi-Color™ W+RGB 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.

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 fixture can be connected with RJ45 Sockets or Phoenix Connector. 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)
Common	WHITE/BROWN(PIN7) & BROWN (PIN 8)
Signal -	ORANGE (PIN 2)
Signal +	WHITE/ORANGE (PIN 1)
Spare	-
Spare	-

⚠ **DC OUT** — DMX IN — DMX OUT

RJ45 Sockets

⚠ **ATTENTION**

DO NOT MIX THE RJ45 DC POWER OUTPUT WITH THE DMX SIGNAL, AS IT MAY LEAD TO EQUIMENT DAMAGE OR MALFUCNTION.

⚠ **DC OUT** — DMX IN — DMX OUT

DMX + / DMX - / Common   Common / DMX - / DMX +

Phoenix Connector
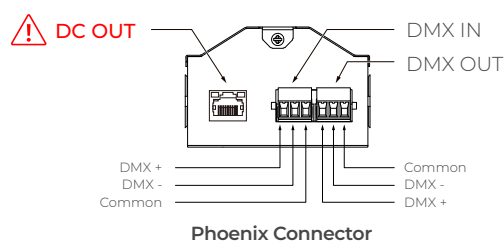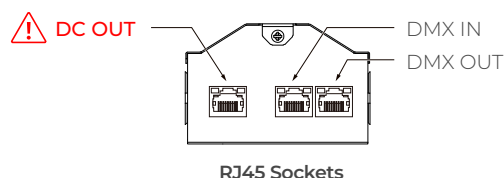
COMPATIBLE DMX CABLING LIST

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 shielded twisted pair cable, which allows for a spare pair for 'out and back' type terminations if needed.
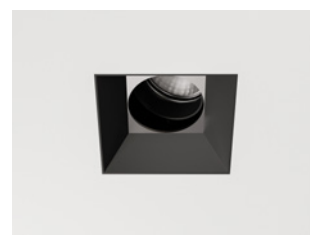
TRIM TYPES
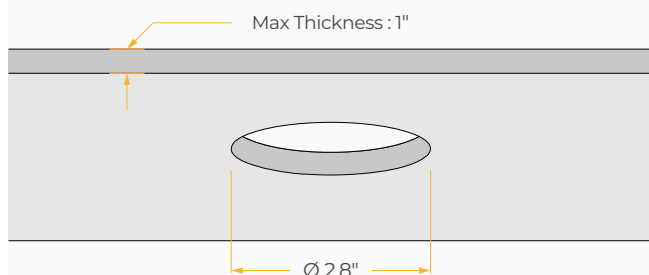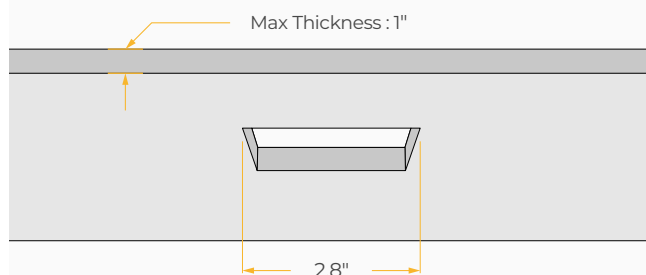
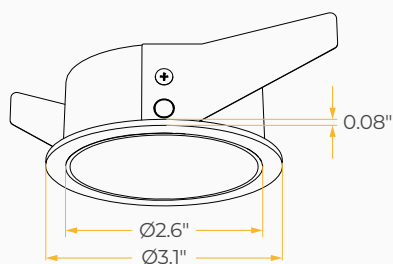| Round Trim	Round Flangeless Trim	Square Trim	Square Flangeless Trim
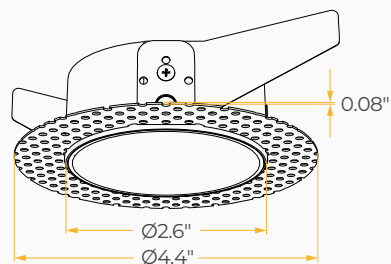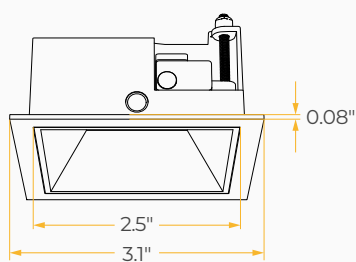
DIMENSIONS

Round Trim Cutout

Max Thickness : 1"

Ø 2.8"

Square Trim Cutout

Max Thickness : 1"

2.8"

Round Trim

0.08"

Ø2.6"
Ø3.1"

Round Flangeless Trim

0.08"

Ø2.6"
Ø4.4"

Square Trim

0.08"

2.5"
3.1"

Square Flangeless Trim

0.08"

2.5"
4.4"

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DIMENSIONS

3.8"

Ø3.1"

Power Box (DMXP/DMXR)

3.2"

2.1"

9.3"

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