REV FLEX 6

REVOLUTIONARY ADJUSTABLE DOWNLIGHTS

SPECIFICATION SHEET
NEW CONSTRUCTION
ARCHI-COLOR™ W+RGB

Housing
Aperture : Ø5.7" | Height : 7.5" | Weight : 4.9 lbs
Maximum Ceiling Thickness : 1.38" | Ceiling Cutout : 6.1"

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

Power Input
30W (W=15W, RGB=15W) , 45W (W=22.5W, RGB=22.5W)
60W (W=30W, RGB=30W) | 120V, 277V

Lumen Output
1,165 lm (30W)
1,750 lm (45W)
2,170 lm (60W)

Dimming
DMX : High resolution dims to 0.1%, dims to off

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 + Archi-Color™ W+RGB

Optics
40° | 55°

Adjustability
0°-30° Tilt | 0°-359° Rotation

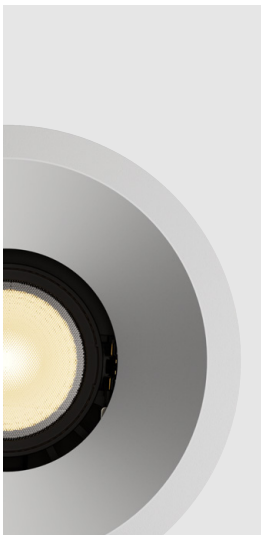
Warranty
5 Year limited warranty

Listing
ETL Intertek | 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 #

RF6N-30-A-308C-120-DMXP-R-BLK-BLK-40-NO

QUANTITY

RF6N	MODEL	**REV FLEX 6 WITH NEW CONSTRUCTION FRAME**		
30	WATTAGE	◉ **30** 30W	○ **45** 45W	○ **60** 60W
A	BEZEL TYPE	◉ **A** Adjustable Bezel	○ **F**[1] Fixed Cut-off Bezel	○ **W**[2] Wallwash Bezel
308C	CCT / CRI	**308C** 3000K +RGB / CRI 85 Archi-Color™ W+RGB		
120	VOLTAGE	◉ **120** 120V	○ **277** 277V	
DMXP	DIMMING	◉ **DMXP** DMX dims to 0.1% (Phoenix Connector)	○ **DMXR** DMX dims to 0.1% (RJ45 Sockets)	
R	TRIM TYPE	◉ **R** Round ○ **SF**[3] Square Flangeless	○ **S** Square	○ **RF**[3] Round Flangeless
BLK	TRIM FINISH	◉ **BLK** Matte Black	○ **WHT** Matte White	
BLK	BEZEL FINISH	◉ **BLK** Matte Black	○ **WHT** Matte White	○ **SLV** Matte Silver
40	BEAM ANGLE	◉ **40** 40°	○ **55** 55°	
NO	ACCESSORIES	◉ **NO** No Accessories	○ **HC**[4,5] Hex Cell Louver	○ **BUB** Butterfly Bracket

[1] *Fixed Cut-off Bezel is not compatible with 60W and HC options*
[2] *Wallwash bezel are always silver in color*
[3] *Flangeless trims are always white in color*
[4] *Please factor in change in lumen output of -25%*
[5] *Hex Cell Louver is not compatible with 60W option*

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TECHNICAL DETAILS

Electrical

- 1,165 lm (30W)
- 1,750 lm (45W)
- 2,170 lm (60W)
- Power Input: Universal (120-277V)
- 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), dim to off

Housing

- Aperture : Ø5.7"
- Height : 7.5"
- Weight : 4.9 lbs
- Ceiling Cutout : 6.1"
- Maximum Ceiling Thickness : 1.38"
- Material: High Pressure Die-Cast Aluminum, Glass, Aluminum Reflector
- Non-IC Rated, insulation must be kept >1ft from housing
- Light engine, optics, and driver(s) accessible from below ceiling

*Note: C-Channel / Mounting Channels / T-Bar Hangers are purchased from a third party

Warranty

- 5-year limited warranty

Listing

- ETL
- CE
- FCC
- JA8 Title 24 Compliant

PERFORMANCE SUMMARY*

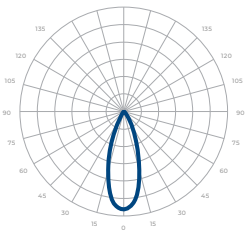
Standard				
CCT/WATTAGE	R	G	B	W
30W	5W	5W	5W	15W
	45lm	320lm	40lm	760lm
45W	7.5W	7.5W	7.5W	22.5W
	70lm	480lm	60lm	1140lm
60W	10W	10W	10W	30W
	90lm	640lm	75lm	1365lm

Current Consumption		
WATTAGE / VOLT	120V	277V
30W	0.25A	0.11A
45W	0.38A	0.16A
60W	0.5A	0.21A

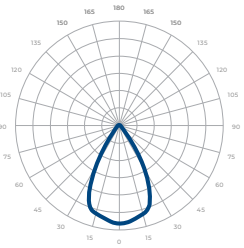
*Beam Angle: 40° * Tolerance ±8%*

PHOTOMETRICS

Below is a typical photometric representation of the Rev Flex 6 fixture. Please download IES files to ensure exact photometric value.



40°



55°

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DMX REQUIREMENTS

The Rev Flex 6 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.

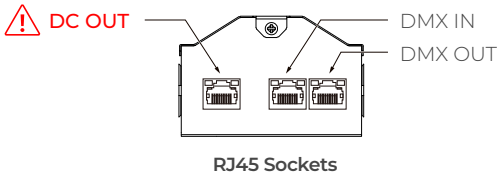
	DMX Address			
Fixture	**Red Control (ex. X)**	**Green Control (ex. X+1)**	**Blue Control (ex. X+2)**	**White Control (ex. X+3)**
#1	1	2	3	4
#2	5	6	7	8
#3	9	10	11	12

The fixture can be connected with RJ45 Socket 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.

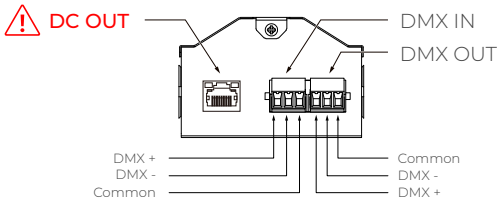
CONNECTION	RJ45 (CAT5e)
Common	WHITE/BROWN(PIN7) & BROWN (PIN 8)
Signal -	ORANGE (PIN 2)
Signal +	WHITE/ORANGE (PIN 1)
Spare	-
Spare	-

ATTENTION

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



RJ45 Sockets



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

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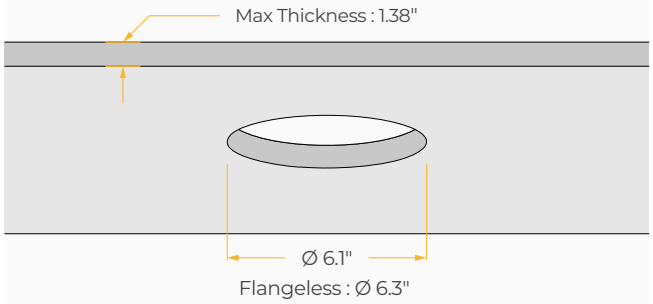
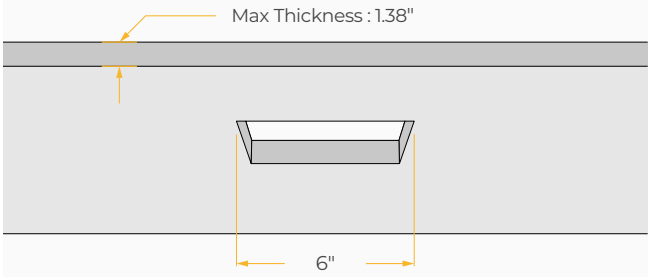
DIMENSIONS

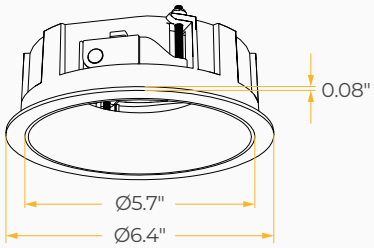
Round Trim Cutout



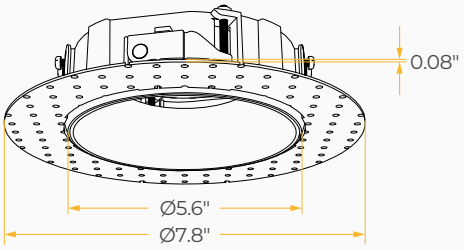
Square Trim Cutout



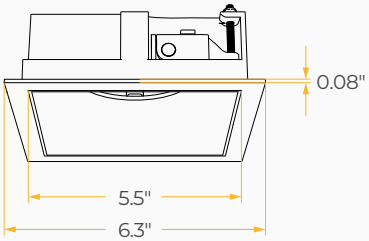
Round Trim



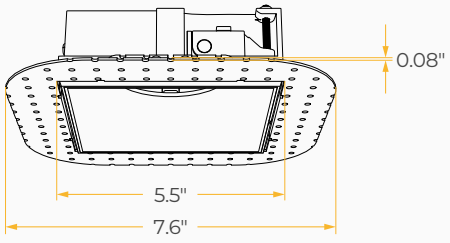
Round Flangeless Trim



Square Trim



Square Flangeless Trim



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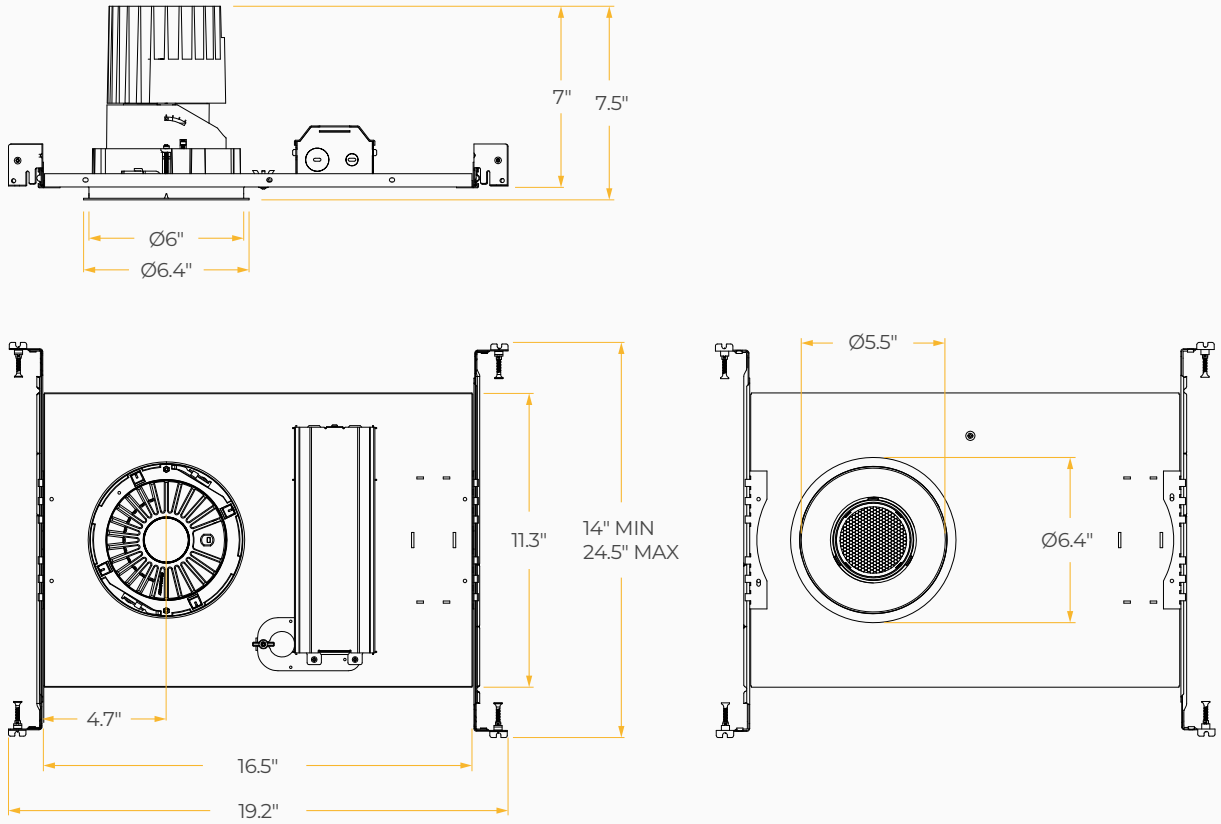
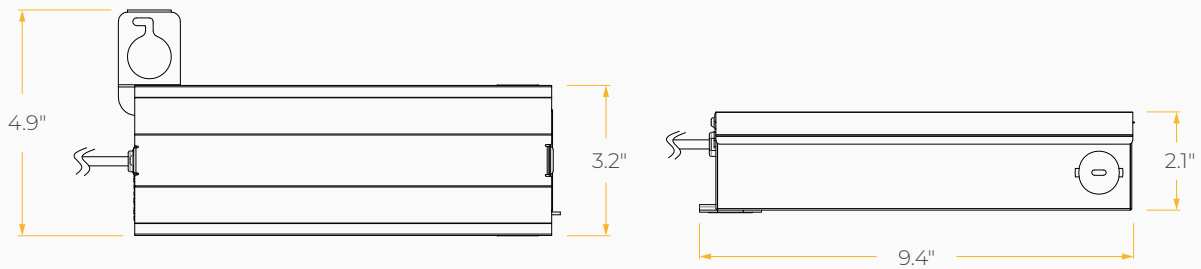


Power Box



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