

METEOR



REV FLEX
SERIES



The REV Flex Series – is a revolutionary range of adjustable recessed downlights from Meteor, available in a comprehensive lumen package range, dimming and trim options.

These downlights are designed to provide seamless integration into any space, and on-site adjustability, whilst delivering exceptional luminosity in an aesthetically clean design.

Whether you're looking to add a touch of elegance to residential applications or to enhance the ambiance of a commercial space, the REV Flex Series has the perfect solution for you.

Exceptionally designed.



A highly efficient luminaire, meticulously designed and engineered to deliver up to 4,590lm of impactful architectural illumination.

POWERFUL

4,590 lm

max delivered lumens

Light engine produces 690 to 4,590 lumens while using only 10 to 60 watts of energy and incorporates the latest generation of high efficacy LEDs.

ACCURATE COLORS

93 CRI

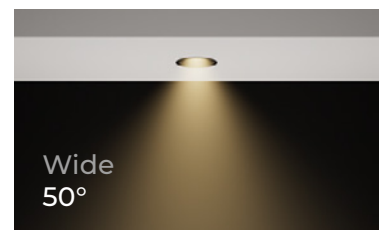
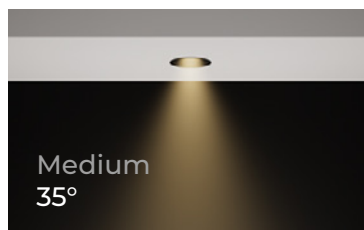
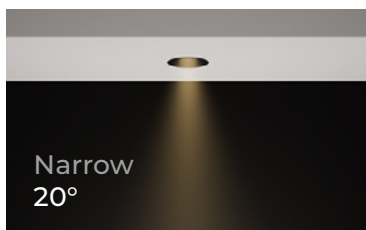
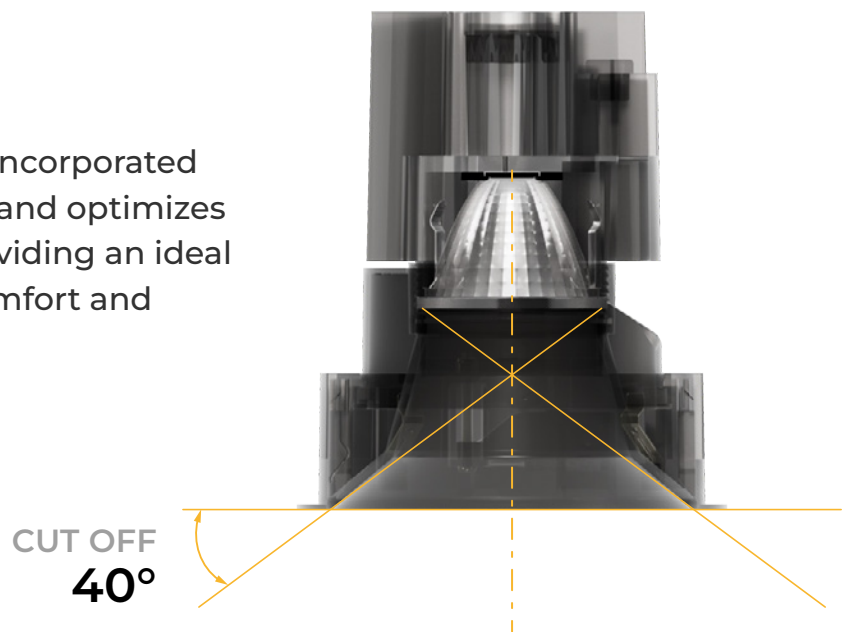
color rendering index

Balancing sensitivity and energy consumption by offering premier color rendering.

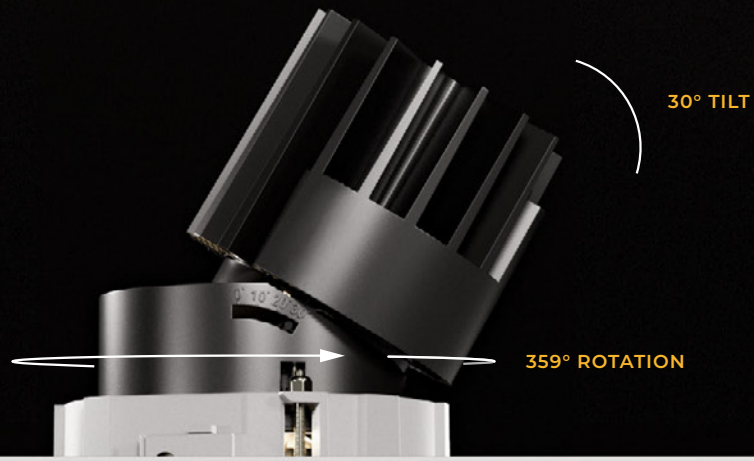
A very versatile range.

The REV Flex series is suited for a variety of different applications, and available in three different aperture sizes - 2, 4, and 6-inch.

A 40-degree cut-off angle incorporated significantly reduces glare and optimizes horizontal illuminance, providing an ideal balance between visual comfort and functionality.



Each REV Flex luminaire features 3 field replaceable optic selections, allowing even more custom possibilities to suit your needs.



The REV Flex can be freely rotated up to 359°, and tilted to a maximum angle of 30°, providing convenient hot aiming for any installation.



Precise Adjustments

Hot aiming with the REV Flex is a breeze. A contractor friendly design has been integrated where adjustments are made using common Phillips screwdriver.

The tilt mechanism is spring loaded so when removed or placed in the ceiling, it will easily maintain its original angle. 359° of rotation means zero blind spots.

Flexible Controls.

A variety of compatible dimming options allow for smooth and precise dimming for a comfortable, and inviting atmosphere.

The use of advanced control systems, such as DALI, and DMX enables designers to fine-tune the dimming settings for maximum control and flexibility.

SPV

Superior 0-10V, dims to 1%, with dim to off

DALI

DALI Logarithmic, dims to 1%, with dim to off

TRC

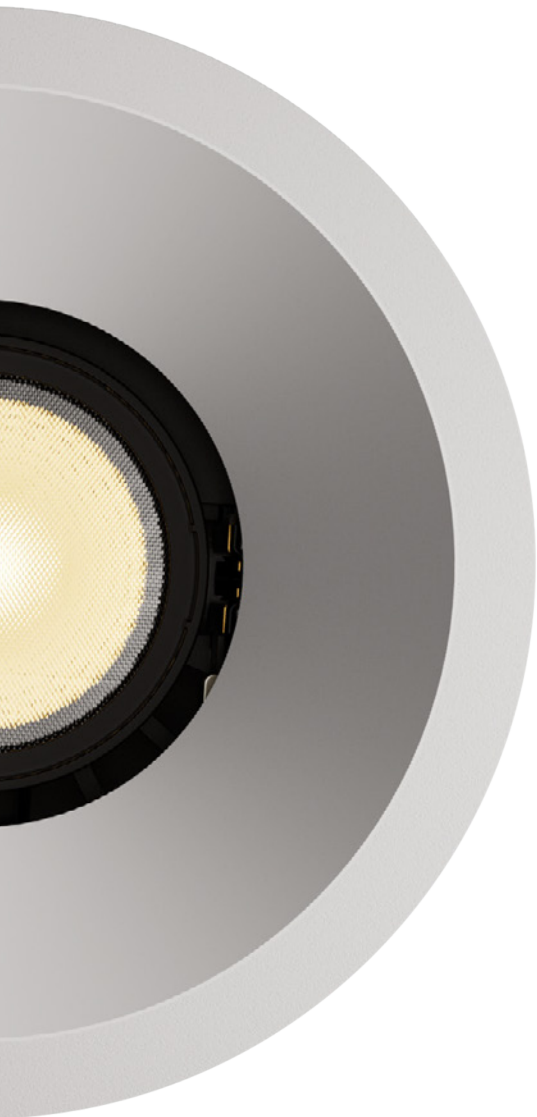
TRIAC forward and reverse phase dimming, dims to 1%, with dim to off (120V)

DMXP

DMX phoenix connector, dims to 0.1% with dim to off
Supports ANSI E1.20 RDM protocol

DMXR

RJ45 connectors, dims to 0.1% with dim to off
Supports ANSI E1.20 RDM protocol



REV Flex Concept Rendering
Round Trim



ColorFlip™ Solutions

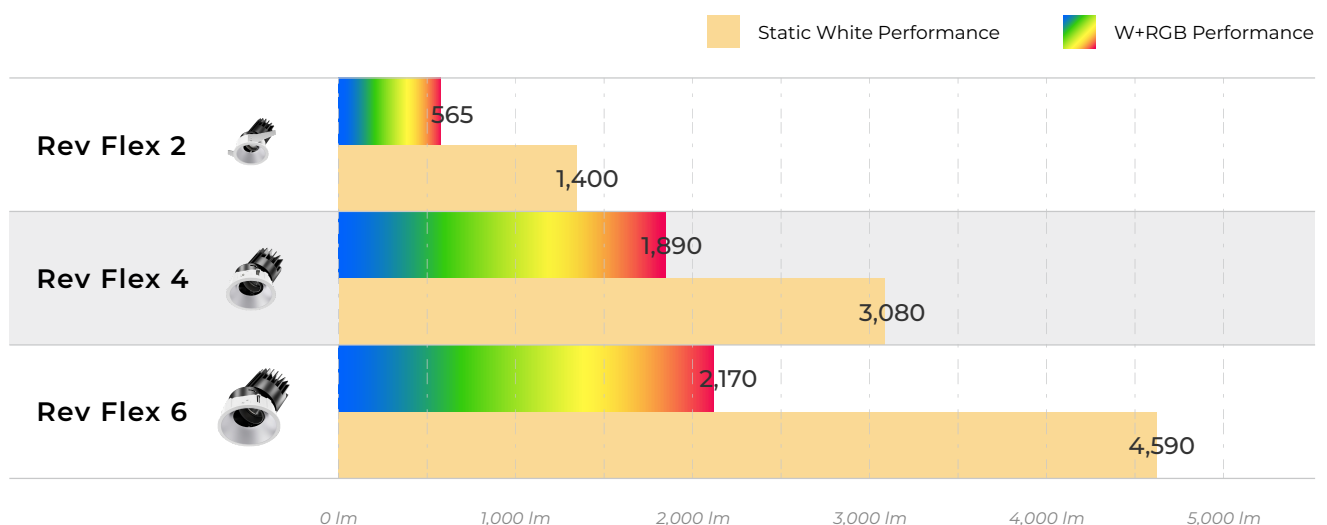
Meteor's advanced flip-chip technology provides highly efficient color changing solutions at an affordable cost. Our proprietary technology is developed in-house, meaning no 3rd party solutions, and a reliable solution to your project.

With Meteor's Color Tuning technology, you can attain a broader color palette, at just 20% added cost, giving your project a bit of pop.



W+RGB Solutions

Unlike standard RGBW, our W+RGB solution does not combine RGB to create White light. Instead, we offer true, 50% independent White light at 3000K CCT, and another 50% of RGB. This method delivers crisper whites, higher performance, and ultimately the best of both worlds. High-quality white light and vibrant color options.



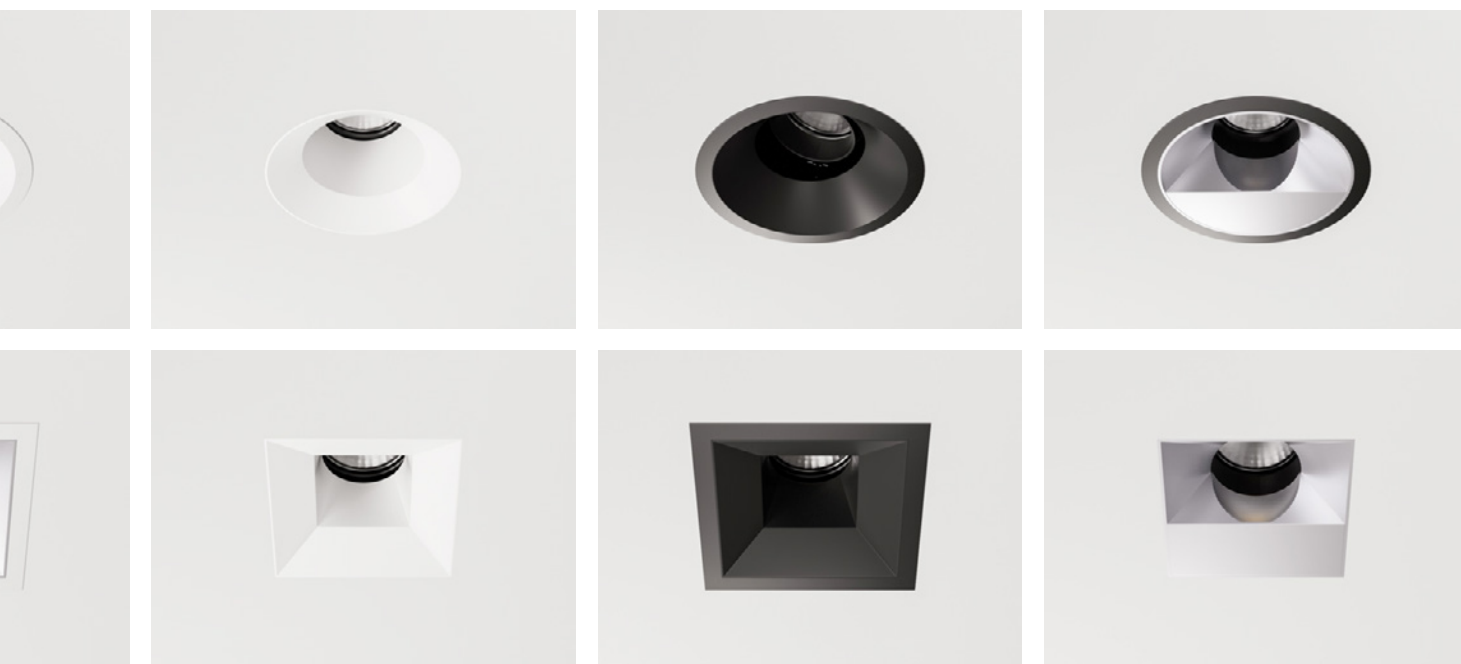
Smaller size bigger impact.

We are proud to introduce the latest iteration of our ColorFlip™ technology - now even smaller in 2" aperture package available with the REV Flex 2, and coming soon for other Meteor cylinders.

The smaller light-emitting surface (LES) of 10mm allows us to apply our advanced flip-chip technology to even the smallest products, bringing you a highly efficient, and cost-effective option for your lighting project.



A hand is shown holding a black, circular light fixture component. The component has a mesh screen in the center and a label that reads "More Tilt". Surrounding the hand are various other components, including a large black cylindrical component with a ribbed top, a smaller black cylindrical component, and several circular mesh screens. In the top right corner, there is a grid of four inset images showing different light fixture designs. The background is a plain, light-colored surface. The text "Find your perfect fit." is overlaid on the bottom left of the image.



The REV Flex series is available in a variety of different trims, allowing you to complete the unique aesthetics of your space with seamless design integration.



Round Trim



Round Trimless



Square Trim

Truly Accessible from below.

All REV Flex adjustable downlights are truly accessible from below, including our smallest 2-inch aperture. The compact profile of the power box, paired with an innovative clasp design, means you can get into the tightest of spaces.



The REV Flex 2 with new construction frame features a clasp mechanism that allows the power box to be installed in a vertical fixed position.

Once fixed, alignment tracks move the power box away for easy installation of the light engine.



*Certain dimming options for the Rev Flex 2" requires a remoted power configuration. Please refer to the [product spec sheets](#) for complete instructions.

REV Flex 2 - New Construction | Below ceiling access



Step 1 Align the extruded power box clip with the clasp insert on the new construction frame. Push up and hold in place.



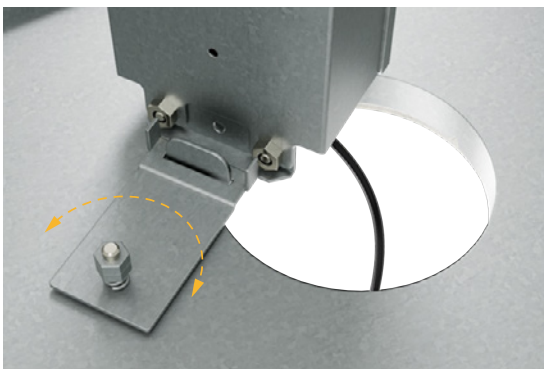
Step 3 Attach quick connect cable between light engine and power box.



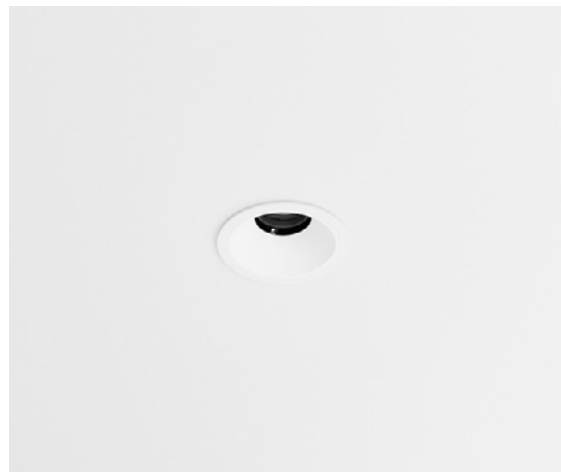
Step 2 Push the power box aside along the alignment tracks to make room for the light engine.



Step 4 Install adjustable downlight luminaire at desired location.



The clasp mechanism allows for easy below ceiling access for future maintenance if required.



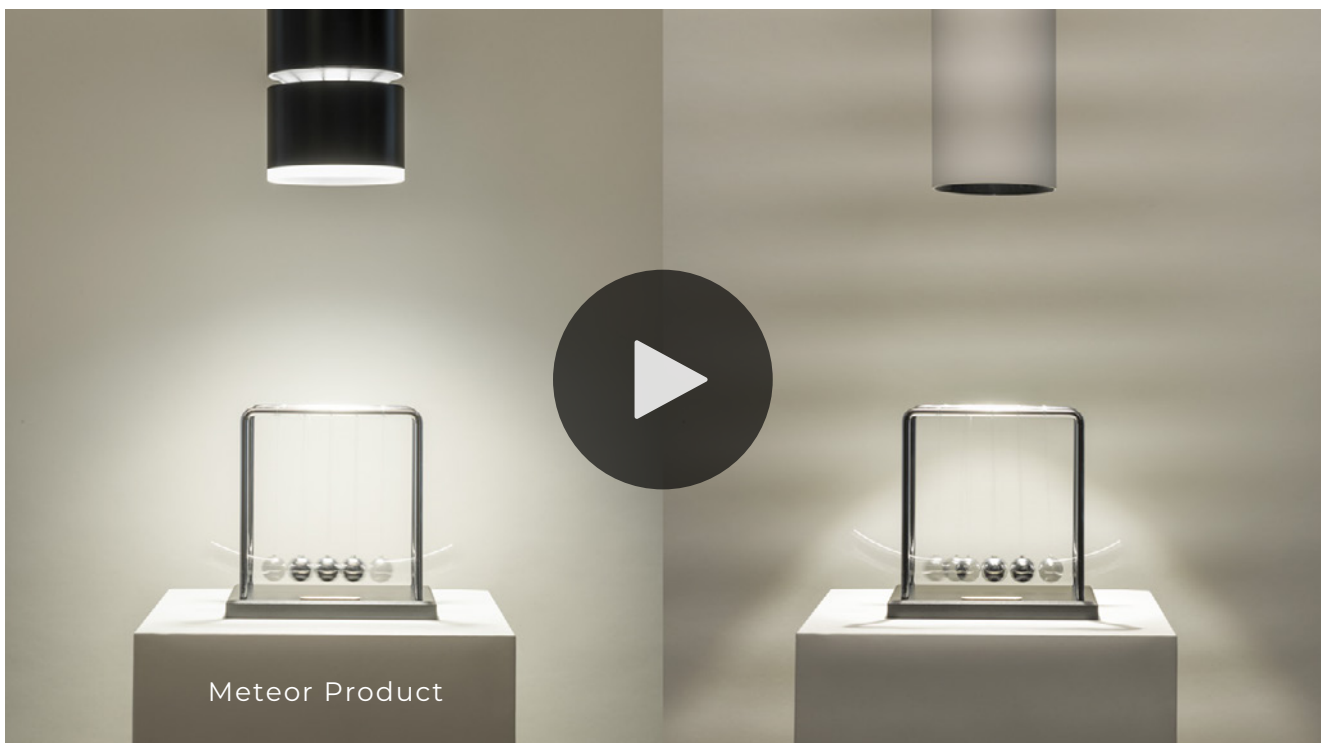
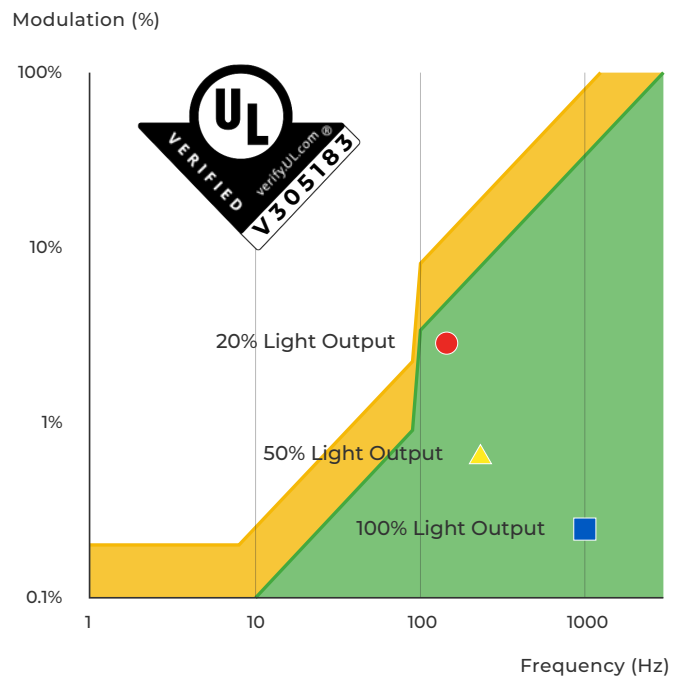
Reverse the process when maintenance is required.

VX Driver™

Flicker-Free Dimming

The VX Driver is a proprietary critical component integrated into the REV Flex series, that combats invisible LED flicker.

Combining constant current reduction (CCR), and pulse width modulation (PWM) technology; the REV Flex, as with all Meteor products meet IEEE 1789 standard practices, and maintains zero flicker even at 960 fps.



Designed to meet the energy efficiency standards of Title 24, REV Flex is suitable for use in residential spaces looking to comply with these regulations.



LONG-LASTING

> 55,000 hours
lifetime

Long lasting LED luminaire tested under
TM21 lumen maintenance L70

R9 VALUE

≥ 60

To ensure fixture-to-fixture color consistency, all
REV Flex LED's match the 2-step MacAdam ellipse
along the black body locus. LED's will maintain
70% of original output and color stability to the
3-step of the MacAdam ellipse over 5 years.

LOW OPTICAL FLICKER

< 5%
up to 400 Hz

Combining constant current reduction
(CCR), and pulse width modulation (PWM)
technology; the REV Flex, as with all Meteor
products meet IEEE 1789 standard practices,
and maintains zero flicker even at 960 fps.

REV Flex Concept Rendering
Square Trim





REV FLEX 2



Housing

Diameter: Ø2.6"

Height : 3.9"

Weight: 1.06 lbs

Material: High Pressure Die-Cast Aluminum

Light Engine

CRI 85/93

Passive Cooling

VX Flicker-Free Dimming

Long lasting LED luminaire tested under TM21
lumen maintenance L70 @ 100,000 Hrs

Power Supply

120V, 277V

Operating Temperature: 14°F~104°F

820 lm(10W), 1,050 lm(15W), 1,400 lm(20W)

Warranty

5-year limited warranty



Finish



Black



White

Color Temperature



2700K



3000K



3500K



4000K

Optics



20°



40°



55°

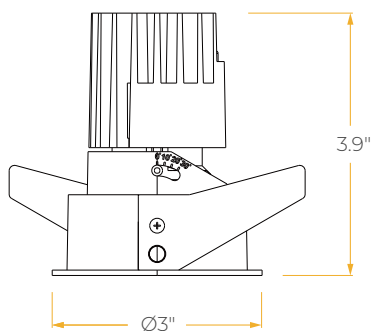
Optics



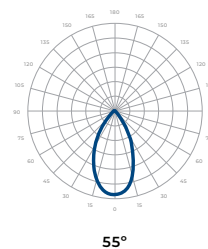
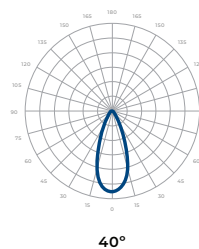
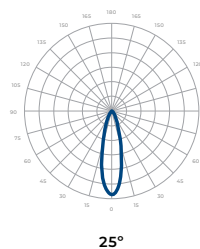
0°-30°
Tilt



0°-359°
Rotation



Photometrics



Delivered Lumens

CCT/WATTAGE	2700K	3000K	3500K	4000K
10W	690lm	720lm	770lm	820lm
15W	900lm	950lm	1,000lm	1,050lm
20W	1,200lm	1,270lm	1,330lm	1,400lm

*Beam Angle: 40° *Tolerance ±8%

Specification

	MODEL	RF2R REV Flex 2 Retrofit		RF2N REV Flex 2 with New Construction Frame
	WATTAGE	10 10W	15 15W	20 20W
A	BEZEL TYPE	A Adjustable Bezel		
	CCT / CRI	278 2700K / CRI 85 309 3000K / CRI 93 408 4000K / CRI 85	279 2700K / CRI 93 358 3500K / CRI 85 409 4000K / CRI 93	308 3000K / CRI 85 359 3500K / CRI 93
	VOLTAGE	120 120V	277 277V	
	DIMMING	NOD Non-Dimming DMXP¹ DMX dims to 0.1% (Phoenix Connector)	SPV Superior 0-10V dims to 1% DMXR¹ DMX dims to 0.1% (RJ45 Sockets)	TRC Line-voltage phase control, dims to 1% (120V only) DALI DALI dims to 1%
	TRIM TYPE	R Round SF² Square Flangeless	S Square	RF² Round Flangeless
	TRIM FINISH	BLK Matte Black	WHT Matte White	
	BEZEL FINISH	BLK Matte Black	WHT Matte White	SLV Matte Silver
	BEAM ANGLE	25 25°	40 40°	55 55°
	ACCESSORIES	NO No Accessories	HC³ 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%

Visit our website's [product page](#) for complete specifications and information on color changing options.

REV FLEX 4



Housing

Diameter: Ø3.7"

Height : 5"

Weight: 1.96 lbs

Material: High Pressure Die-Cast Aluminum

Light Engine

CRI 85/93

Passive Cooling

VX Flicker-Free Dimming

Long lasting LED luminaire tested under TM21 lumen maintenance L70 @ 100,000 Hrs

Power Supply

120V, 277V

Operating Temperature: 14°F~104°F

1,040 lm(15W), 1,540 lm(20W), 3,080 lm(40W)

Warranty

5-year limited warranty



Finish



Black



White

Color Temperature



2700K



3000K



3500K



4000K

Optics



20°



40°



50°

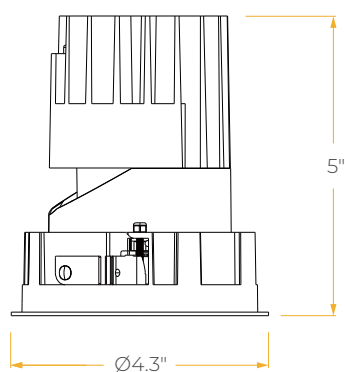
Optics



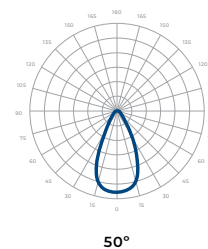
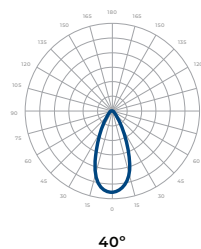
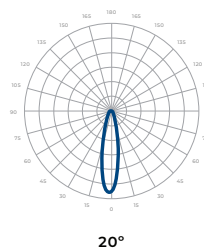
0°-30°
Tilt



0°-359°
Rotation



Photometrics



Delivered Lumens

CCT/WATTAGE	2700K	3000K	3500K	4000K
10W	920lm	980lm	1,000lm	1,040lm
15W	1,280lm	1,350lm	1,440lm	1,540lm
20W	2,550lm	2,690lm	2,880lm	3,080lm

*Beam Angle: 40° *Tolerance ±8%

Specification

	MODEL	RF4R REV Flex 4 Retrofit	RF4N REV Flex 4 with New Construction Frame
	WATTAGE	15 15W	20 20W 40 40W
	BEZEL TYPE	A Adjustable Bezel	F¹ Fixed Cut-off Bezel W² Wallwash Bezel
	CCT / CRI	278 2700K / CRI 85 309 3000K / CRI 93 408 4000K / CRI 85	279 2700K / CRI 93 358 3500K / CRI 85 359 3500K / CRI 93 409 4000K / CRI 93
	VOLTAGE	120 120V	277 277V
	DIMMING	NOD Non-Dimming DMXP DMX dims to 0.1% (Phoenix Connector)	SPV Superior 0-10V dims to 1% DMXR DMX dims to 0.1% (RJ45 Sockets) TRC Line-voltage phase control, dims to 1% (120V only) DALI DALI dims to 1%
	TRIM TYPE	R Round SF³ Square Flangeless	S Square RF³ Round Flangeless
	TRIM FINISH	BLK Matte Black	WHT Matte White
	BEZEL FINISH	BLK Matte Black	WHT Matte White SLV Matte Silver
	BEAM ANGLE	20 20°	40 40° 50 50°
	ACCESSORIES	NO No Accessories	HC^{4,5} Hex Cell Louver

¹ Fixed Cut-off Bezel is not compatible with 40W 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 40W option

Visit our website's [product page](#) for complete specifications and information on color changing options.

REV FLEX 6



Housing

Diameter: Ø5.7"

Height : 7.5"

Weight: 4.4 lbs

Material: High Pressure Die-Cast Aluminum

Light Engine

CRI 85/93

Passive Cooling

VX Flicker-Free Dimming

Long lasting LED luminaire tested under TM21 lumen maintenance L70 @ 100,000 Hrs

Power Supply

120V, 277V

Operating Temperature: 14°F~104°F

2,200 lm(30W), 3,060 lm(45W), 4,590 lm(60W)

Warranty

5-year limited warranty



Finish



Black



White

Color Temperature



2700K



3000K



3500K



4000K

Optics



20°



35°



50°

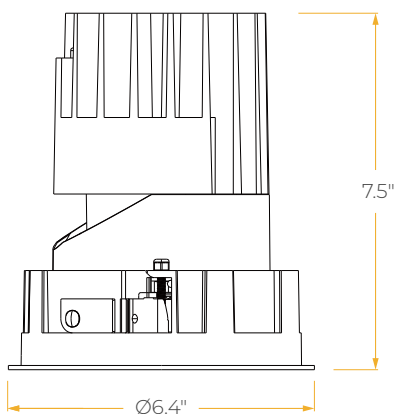
Optics



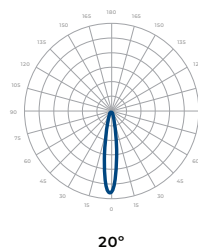
0°-30°
Tilt



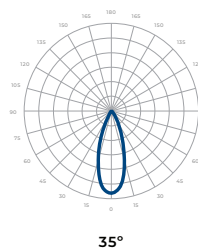
0°-359°
Rotation



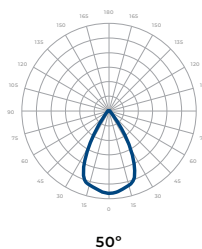
Photometrics



20°



35°



50°

Delivered Lumens

CCT/WATTAGE	2700K	3000K	3500K	4000K
10W	1,940lm	2,050lm	2,120lm	2,200lm
15W	2,680lm	2,830lm	2,940lm	3,060lm
20W	4,020lm	4,240lm	4,420lm	4,590lm

*Beam Angle: 40° *Tolerance ±8%

Specification

	MODEL	RF6R REV Flex 6 Retrofit	RF6N REV Flex 6 with New Construction Frame
	WATTAGE	30 30W	45 45W 60^{1,2} 60W
	BEZEL TYPE	A Adjustable Bezel	F³ Fixed Cut-off Bezel W⁴ Wallwash Bezel
	CCT / CRI	278 2700K / CRI 85 309 3000K / CRI 93 408 4000K / CRI 85	279 2700K / CRI 93 358 3500K / CRI 85 409 4000K / CRI 93
	VOLTAGE	120 120V	277 277V
	DIMMING	NOD Non-Dimming DMXP DMX dims to 0.1% (Phoenix Connector)	SPV Superior 0-10V dims to 1% DMXR DMX dims to 0.1% (RJ45 Sockets) TRC Line-voltage phase control, dims to 1% (120V only) DALI DALI dims to 1%
	TRIM TYPE	R Round SF⁵ Square Flangeless	S Square RF⁵ Round Flangeless
	TRIM FINISH	BLK Matte Black	WHT Matte White
	BEZEL FINISH	BLK Matte Black	WHT Matte White SLV Matte Silver
	BEAM ANGLE	20 20°	35 35° 50 50°
	ACCESSORIES	NO No Accessories	HC^{6,7} Hex Cell Louver

¹ The 60W option cannot be dimmed to off when used with SPV dimming

² The 60W option is not compatible with TRC and DALI dimming

³ Fixed Cut-off Bezel is not compatible with 60W and HC options

⁴ Wallwash bezel are always silver in color

⁵ Flangeless trims are always white in color

⁶ Please factor in change in lumen output of -25%

⁷ Hex Cell Louver is not compatible with 60W option

Visit our website's [product page](#) for complete specifications and information on color changing options.



INSPIRE THE SPACES AROUND US

Meteor Lighting

1300 John Reed Court . City of Industry, CA 91745.

www.meteor-lighting.com . marketing@meteor-lighting.com

We reserve the right to make changes in design and technology.

©Meteor Lighting 2023