REV 4

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
20W, 40W | 120V, 277V

Lumen Output
1,600 lm (20W), 3,050 lm (40W)

Dimming
Superior 0-10V : Dims to 1%
DMX : High resolution dims to 0.1%
DALI : Dims to 10%

Color Quality	Rated Life
CRI 85	> 60,000 Hours (L70)

Finish

Black   White

Color Temperature

DTW
ColorFlip™ Warm Dim
1900K ↔ 3000K

Optics

45°   55°

Warranty
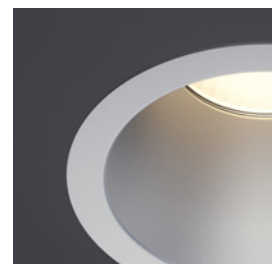5 Year limited warranty

Listing

cETLus Listed Intertek   FC

Precision Engineered For High Performance.

4-inch aperture high lumen recessed downlight utilizing Meteor Lighting's proprietary ColorFlip™ Warm Dim solution, that results in superior efficacy and heat management.

This product is compatible with all existing 0-10V and DMX control systems. Bringing ambient lighting to your spaces.

METEOR

meteor-lighting.com

SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

RS4R	**MODEL**	**REV 4 RETROFIT**			
	WATTAGE	**20** 20W		**40** 40W	
WDIM	**CCT / CRI**	**WDIM** 1900K - 3000K			
	VOLTAGE	**120** 120V		**277** 277V	
	DIMMING	**SPV** Superior 0-10V dims to 1%	**DMX** DMX dims to 0.1% (XLR Sockets)		**DMX(RJ45)** DMX dims to 0.1% (RJ45 Sockets)
		DALI DALI dims to 10%			
	BEAM ANGLE	**45** 45°		**55** 55°	
	FINISH*	**BLK** Black		**WHT** White	

* Finish indicates Trim only, with standard matte silver reflector.

meteor-lighting.com   1300 John Reed Court, Unit B, City of Industry, California 91745 **E:** tech@meteor-lighting.com **T:** 213-255-2060

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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QUIET CEILING DESIGN
HIGH LUMEN RECESSED DOWNLIGHT

METEOR

TECHNICAL DETAILS

Electrical
- 1,600 lm (20W)
- 3,050 lm (40W)
- 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
- Warm Dim™ Tuning White: 1900K ↔ 3000K
- CRI 85
- 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
- Superior 0-10V : Dims to 1%
- DMX : High resolution dims to 0.1% (Supports ANSI E1.20 RDM protocol)
- DALI : dims to 10%

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
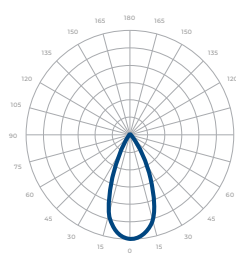
Listing
- ETL Damp Location Listed
- FCC

PERFORMANCE SUMMARY*

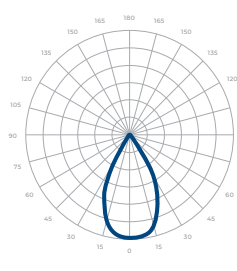| Warm Dim	1900K					3000K
DMX CCT Signal (%)	7%	20%	40%	60%	80%	100%
0-10V CCT Voltage	0.7	2	4	6	8	10
20W	30lm	145lm	430lm	815lm	1,230lm	1,600lm
40W	60lm	275lm	825lm	1,555lm	2,350lm	3,050lm

*Beam Angle: 35° * 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°

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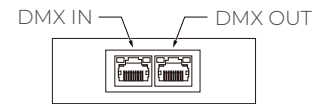
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DMX REQUIREMENTS

The Rev 4 fixture with DMX is a **single channel dmx** unit that dims both intensity and color temperature between 1900K <-> 3000K. 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.

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

DMX IN ⎯ ⎯ DMX OUT

RJ45 Sockets

PUSH

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.

DIMENSIONS

8.23"

Ø5.25"

Ø4.7" Min
Ø5.1" Max

9.4"

3.4"

2.8"

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