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

Rated Life

> 60,000 Hours (L70)

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%, dims to dark DMX : High resolution dims to 0.1%

Color Quality CRI 85

Finish



Black Whi

Color Temperature



ColorFlip™ Warm Dim 1900K ←→ 3000K

Optics



Warranty

5 Year limited warranty

Listing



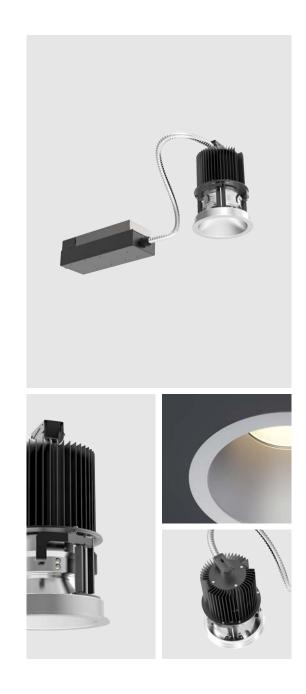




Precision Engineered For High Performance.

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.



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SPECIFICATION SHEET / RETROFIT - WARM DIM



REV 4 QUIET CEILING DESIGN HIGH LUMEN RECESSED DOWNLIGHT



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%, dims to dark	DMX dims to 0.1% (XLR Sockets) DMX (RJ45) DMX dims to 0.1% (RJ45 Sockets)
	BEAM ANGLE	45 45° with Standard Trim	55° with Low Trim
	FINISH*	BLK Black	WHT White

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

SSED DOWNLIGHT

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
- $\cdot\,$ Superior 0-10V : dims to 1%, dims to dark
- DMX : High resolution dims to 0.1% (Supports ANSI E1.20 RDM protocol)

Retrofit Housing

- Aperture : Ø4.3"
- Height : 8"
- Weight : 7 lbs
- Material : High Pressure Aluminum
- $\cdot\,$ Non-IC Rated, insulation must be kept >1ft from housing

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- Oversize Trim : 5.3"
- Opening of Mounting Frame : 4.7" to 5.1" Max
- Maximum Ceiling Thickness : 2"
- \cdot 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
- CE
- UKCA

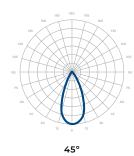
PERFORMANCE SUMMARY*

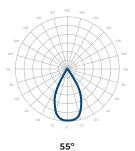
Warm Dim	1900K					- 3000K
DMX CCT Signal (%)	7%	20%	40%	60%	80%	100%
0-10V CCT Voltage	0.7	2	4	6	8	10
20W	301m	145lm	430lm	815lm	1,230lm	1,600lm
40W	60lm	275lm	825lm	1,555lm	2,350lm	3,050lm

*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.





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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	- RJ45 Sockets
Signal +	WHITE/ORANGE (PIN 1)	PIN 3	PUSH
Spare	-	PIN 4	
Spare	-	PIN 5	
			– DMX IN DMX OUT

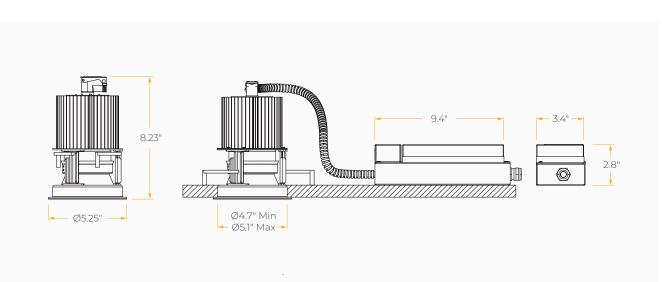
XLR Sockets

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



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