

REV 6

SPECIFICATION SHEET RETROFIT

QUIET CEILING DESIGN HIGH LUMEN RECESSED DOWNLIGHT

Housing

Aperture : Ø6.3" | Oversize Trim : 8" | Maximum Ceiling Thickness : 2"
Opening of Mounting Frame : 6.35" to 7" | Height : 8" | Weight : 11.02 lbs

Material

Housing : Extruded Aluminum
Reflector : Flow Forming Aluminum

Power Input

40W, 60W, 80W, 100W | 120V, 277V

Lumen Output

3,990 lm (40W), 6,490 lm (60W), 8,040 lm (80W), 10,450 lm (100W)

Dimming

Standard 0-10V : Dims to 10%
Superior 0-10V : Dims to 1%
DMX : High resolution dims to 0.1%
LTE : Hi-Lume 1% 2-wire LED Driver
LDE1 : Hi-Lume 1% EcoSystem LED Driver
DALI : Dims to 10%

Color Quality

CRI 75, CRI 85, CRI 93

Rated Life

> 60,000 Hours (L70)

Finish



Black



White

Color Temperature



2700K



3000K



3500K



4000K



5000K

Optics



40°



60°



Wide

Warranty

5 Year limited warranty

Listing



Precision Engineered For High Performance.

The REV series are a revolutionary range of 4, 6 and 8-inch aperture recessed downlights that feature a deep, double optical reflector design with high efficacy performance.

All downlights feature Colorflip™ Warm Dim, Tunable White and W+RGB technology for a truly versatile range of applications, and are available in new construction and retrofit configurations.



METEOR

meteor-lighting.com

SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

RS6R	MODEL	REV 6 RETROFIT		
	WATTAGE	40 40W 100 100W	60 60W	80 80W
	CCT / CRI	278 2700K / CRI 85 309 3000K / CRI 93 408 4000K / CRI 85	279 2700K / CRI 93 358 3500K / CRI 85 507 5000K / CRI 75	308 3000K / CRI 85 359 3500K / CRI 93
	VOLTAGE	120 120V	277 277V	
	DIMMING	NOD Non-Dimming DMX DMX dims to 0.1% (XLR Sockets) LDEI Hi-Lume 1% EcoSystem LED Driver with Soft-on, Fade-to-Black	STV Standard 0-10V dims to 10% DMX(RJ45) DMX dims to 0.1% (RJ45 Sockets) DALI DALI dims to 10%	SPV Superior 0-10V dims to 1% LTE Hi-Lume 1% 2-wire LED Driver (120V forward phase only)
	BEAM ANGLE	40 40°	60 60°	WD¹ Wide
	FINISH²	BLK Black	WHT White	
	ACCESSORIES	SPD³ Surge Protector	DF¹ Diffuser	GR8⁴ Goof Ring 8" to 10"

¹ Please factor in change in lumen output with diffuser (-20% with WD; -12% with other degrees).

² Finish indicates Trim only, with standard matte silver reflector.

³ Surge protector for up to 10KV. Applicable for unstable mains or facilities using high-power machinery.

⁴ Includes New Reflector.

TECHNICAL DETAILS**Electrical**

- 3,990 lm (40W)
- 6,490 lm (60W)
- 8,040 lm (80W)
- 10,450 lm (100W)
- Power Input: 120V or 277V
- Operating Temperature: -20°F~112°F
- Surge Protection: Built-in is 4KV
- Power Factor Greater than 0.9

LED Features

- Color Temperature : 2700K, 3000K, 3500K, 4000K, 5000K
- CRI 75, CRI 85, CRI 93
- Long lasting LED luminaire tested under TM21 lumen maintenance L70 @ 60,000 Hrs

Optics

- Flow Forming Aluminum Reflector
- Beam Angle : 40°, 60°, Wide (With diffuser)

Advanced Dimming

- Proprietary VX Driver™ is incorporated to all dimming options for video flicker-free lighting
- Standard 0-10V : Dims to 10%
- Superior 0-10V : Dims to 1%
- DMX : High resolution dims to 0.1% (Supports ANSI E1.20 RDM protocol)
- LTE : Hi-Lume 1% 2-wire LED Driver (120V forward phase only)
- LDE1 : Hi-Lume 1% EcoSystem LED Driver with Soft-on, Fade-to-Black
- DALI : dims to 10%

Retrofit Housing

- Aperture : Ø6.3"
- Height : 8"
- Weight : 11.02 lbs
- Material : Extruded Aluminum
- Non-IC Rated, insulation must be kept >1ft from housing
- Oversize Trim : 8"
- Opening of Mounting Frame : 6.35" to 7.0" 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
- Goof Ring 8" : Aluminum, standard white finish; O. D. 10"; other size and finish available, please inquire

Warranty

- 5-year limited warranty

Listing

- ETL Damp Location Listed
- FCC
- Energy Star

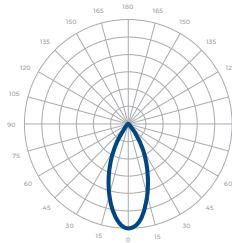
PERFORMANCE SUMMARY*

STD (Standard)						Current Consumption		
CCT/WATTAGE	2700K	3000K	3500K	4000K	5000K	WATTAGE / VOLT	120V	277V
40W	3,470lm	3,640lm	3,710lm	3,895lm	3,990lm	40W	0.37A	0.16A
60W	5,500lm	5,780lm	5,890lm	6,180lm	6,490lm	60W	0.55A	0.24A
80W	6,725lm	7,195lm	7,620lm	7,845lm	8,040lm	80W	0.73A	0.32A
100W	8,210lm	8,900lm	9,130lm	9,250lm	10,450lm	100W	0.92A	0.40A

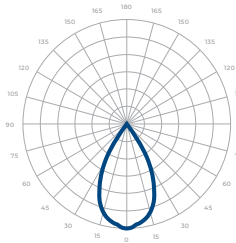
* Beam Angle: 40° Tolerance ±8%

PHOTOMETRICS

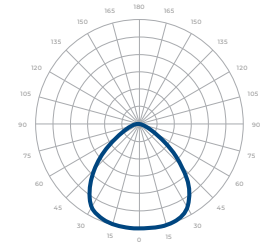
Below is a typical photometric representation of the Rev 6 fixture. Please download IES files to ensure exact photometric value.



40°



60°



WIDE

DMX REQUIREMENTS

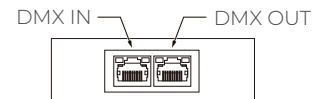
The Rev 6 LED fixture with DMX is a **single channel dmx** unit.

When placing an order, please indicate DMX address. (The DMX address will be listed on the back of the fixture.)

The LED fixture provides RJ45 socket or XLR socket to connect. (DMX cable **not** included.)

The final fixture should be terminated by the use of a DMX terminator (by others).

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



RJ45 Sockets



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.

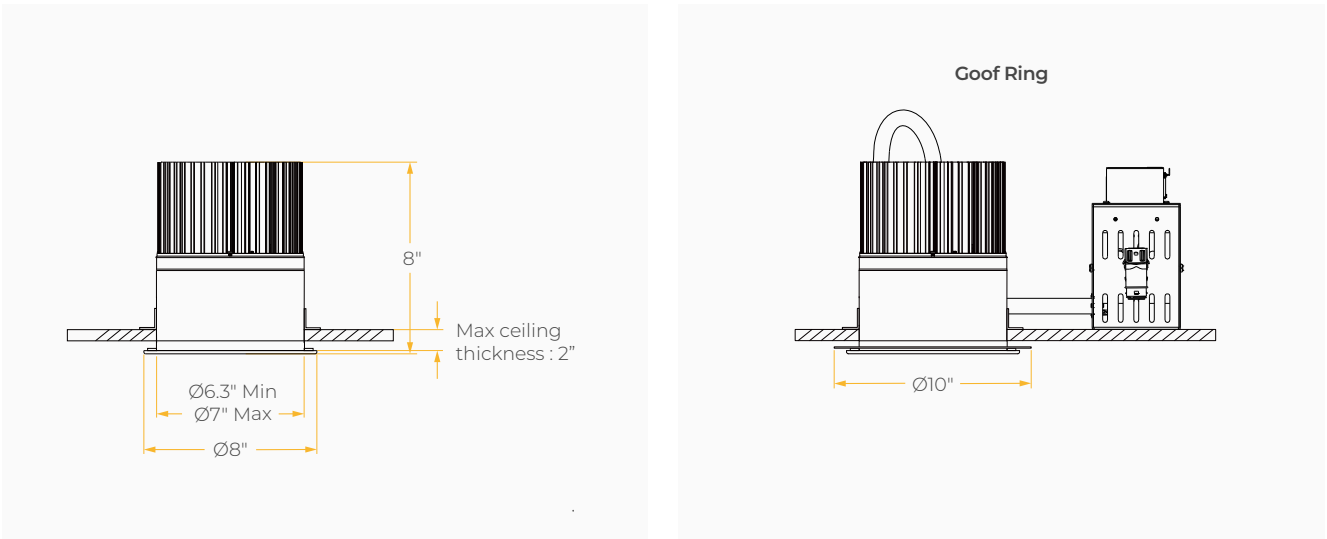
COMPATIBLE LTE DIMMER LIST

LUTRON PART NO.						
RRD-6NA-	RRT-G5NEW-	RRT-GH	HQRD-10ND-	HQRT-GH	HQRD-HN	PD-10NXD-
RRD-6ND	RRT-G25LW-	HQRD-6NA-	MRF2-6ND-120-	HQRT-G25LW-	GT-250M-	PD-5NE-
RRD-10ND-	RRD-HN	HQRD-6ND-	MRF2S-6ND-120-	HQRT-G5NEW-	GTJ-250M-	

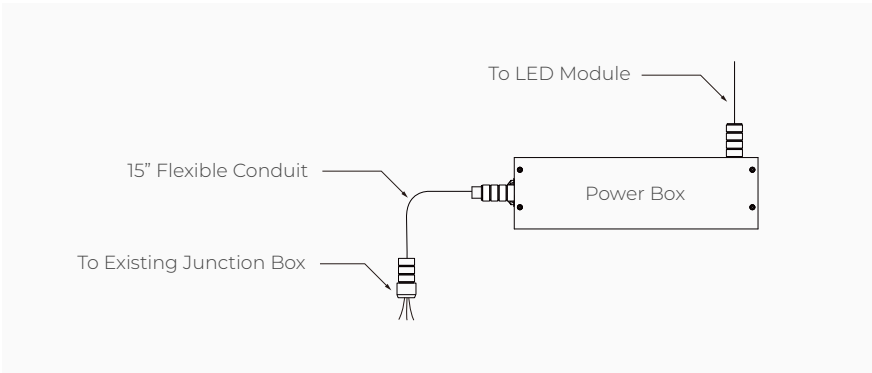
COMPATIBLE LDE1 DIMMER LIST

LUTRON PART NO.						
RMJ-ECO32-DV-B	FCJ/FCJS-ECO	QSN-1ECO-S	QSN-2ECO-S	QSGRJ-_E	QSGR-_E	QP2-__ 2C
QP2-__ 4C	QP2-__ 6C	QP2-__ 8C	LQSE-2ECO-D			

DIMENSIONS



POWERBOX WIRING DIAGRAM



POWERBOX WIRING DIAGRAM

