

# REV 6

## QUIET CEILING DESIGN HIGH LUMEN RECESSED DOWNLIGHT

### Housing

Aperture : Ø6.3" | Oversize Trim : 7.2" | Ceiling Cutout : 6.7"  
Maximum Ceiling Thickness : 2" | Height : 8" | Weight : 13.22 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

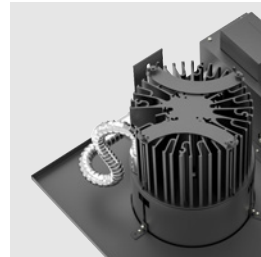
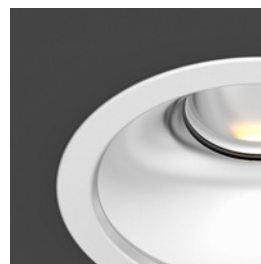


## SPECIFICATION SHEET NEW CONSTRUCTION

## 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](http://meteor-lighting.com)

## SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

<b>RS6N</b>	<b>MODEL</b>	<b>REV 6 WITH NEW CONSTRUCTION FRAME</b>		
	<b>WATTAGE</b>	<b>40</b> 40W <b>100</b> 100W	<b>60</b> 60W	<b>80</b> 80W
	<b>CCT / CRI</b>	<b>278</b> 2700K / CRI 85 <b>309</b> 3000K / CRI 93 <b>408</b> 4000K / CRI 93	<b>279</b> 2700K / CRI 93 <b>358</b> 3500K / CRI 85 <b>507</b> 5000K / CRI 75	<b>308</b> 3000K / CRI 85 <b>359</b> 3500K / CRI 93
	<b>VOLTAGE</b>	<b>120</b> 120V	<b>277</b> 277V	
	<b>DIMMING</b>	<b>NOD</b> Non-Dimming <b>DMX</b> DMX dims to 0.1% (XLR Sockets) <b>LDE1</b> Hi-Lume 1% EcoSystem LED Driver with Soft-on, Fade-to-Black	<b>STV</b> Standard 0-10V dims to 10% <b>DMX(RJ45)</b> DMX dims to 0.1% (RJ45 Sockets) <b>DALI</b> DALI dims to 10%	<b>SPV</b> Superior 0-10V dims to 1% <b>LTE</b> Hi-Lume 1% 2-wire LED Driver (120V forward phase only)
	<b>BEAM ANGLE</b>	<b>40</b> 40°	<b>60</b> 60°	<b>WD</b> Wide
	<b>FINISH<sup>1</sup></b>	<b>BLK</b> Black	<b>WHT</b> White	
	<b>ACCESSORIES</b>	<b>SPD<sup>2</sup></b> Surge Protector <b>SCA610</b> Sloped Ceiling Adapter 8°-12° <b>SCA625</b> Sloped Ceiling Adapter 23°- 27°	<b>EMP</b> Remote Emergency Pack <b>SCA615</b> Sloped Ceiling Adapter 13°-17° <b>BUB</b> Butterfly Bracket	<b>DF<sup>3</sup></b> Diffuser <b>SCA620</b> Sloped Ceiling Adapter 18°-22°

<sup>1</sup> Finish indicates trim only, with standard matte silver reflector<sup>2</sup> Surge protector for up to 10KV. Applicable for unstable mains or facilities using high-power machinery.<sup>3</sup> Please factor in change in lumen output with diffuser (-20% with WD; -12% with other degrees)

**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
- Emergency Pack with Mounting Plate: Philips Bodine BSL20B2UEK55C111
- 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°, 100° (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%

**New Construction Housing**

- Aperture : Ø6.3"
- Height : 3.9"
- Weight : 13.22 lbs
- Material : Extruded Aluminum
- Non-IC Rated, insulation must be kept >1ft from housing
- Oversize Trim : 7.2"
- Ceiling Cutout : 6.7"
- Maximum Ceiling Thickness : 2"
- Tool-less top access allows service from above and below
- 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 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

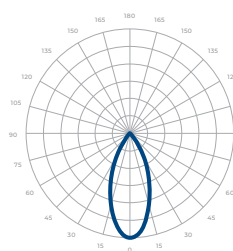
\* Beam Angle 40° Tolerance ±8%

## PERFORMANCE SUMMARY

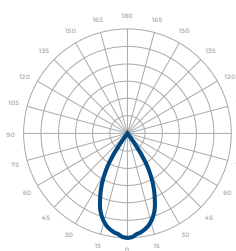
Emergency Pack Lumen Output Table				
CCT	2700K	3000K	4000K	5000K
LUMEN	1,640lm	1,760lm	1,890lm	1,950lm

## PHOTOMETRICS

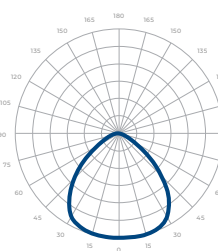
Below is a typical photometric representation of the Rev 6 fixture. Please download IES files to ensure exact photometric value.



40°



60°



WIDE

## DMX REQUIREMENTS

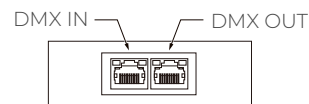
The Rev 6 LED fixture with DMX is a **single channel dmx** unit.

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.

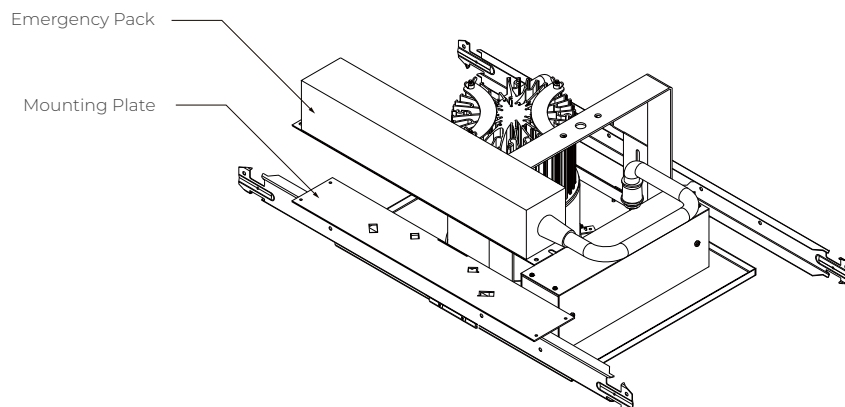
## COMPATIBLE LTE DIMMER LIST

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			

## MOUNTING PLATE FOR EMERGENCY PACK



DIMENSIONS

