

# REV 6

## QUIET CEILING DESIGN HIGH LUMEN RECESSED DOWNLIGHT

### Housing

Aperture : Ø7" | Oversize Trim : 8" | Ceiling Cutout : 6.7"  
Maximum Ceiling Thickness : 2" | Height : 8"  
Weight : 13.22 lbs (New Construction), 11.02 lbs (Retrofit)

### Material

Housing : Extruded Aluminum  
Reflector : Flow Forming Aluminum

### Power Input

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

### Lumen Output

5,130 lm (40W), 8,150 lm (60W), 10,350 lm (80W), 11,300 lm (100W)

### Dimming

Standard 0-10V : Dims to 10%  
Superior 0-10V : Dims to 1%  
DMX : High resolution dims to 0.1%  
TRC : Linear line-voltage phase control, dims to 1%  
LDE1 : Hi-Lume 1% EcoSystem LED Driver  
DALI : dims to 10%

### Color Quality

CRI 75, CRI 85, CRI 93

### Rated Life

> 100,000 Hours (L70)

### Finish



Black



White

### Color Temperature



2700K



3000K



3500K



4000K

### Optics



40°



60°



Wide

### Warranty

5 Year limited warranty

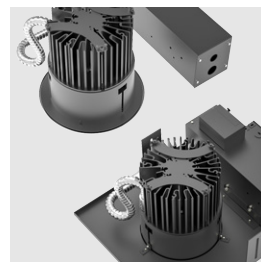
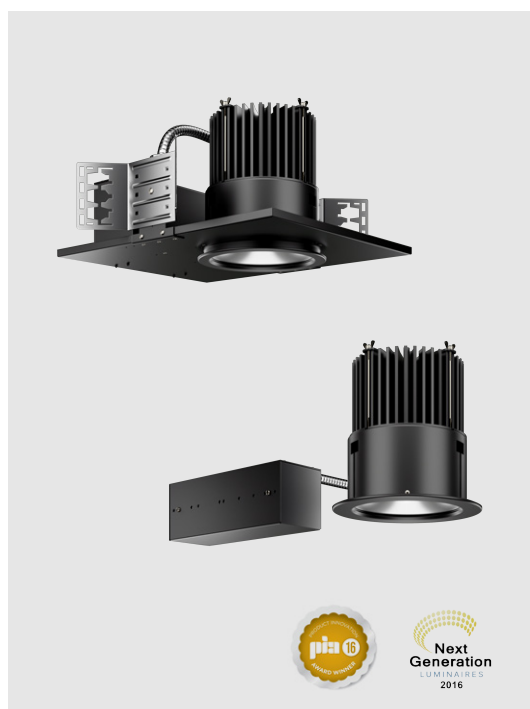
### Listing



## 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 Archi-Color™ 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

The product configurator function on this page works only with the latest version of Chrome or Adobe Acrobat Reader.

<input type="text"/>	MODEL	<b>RS6N</b> Rev 6 New Construction	<b>RS6R</b> Rev 6 Retrofit	
<input type="text"/>	WATTAGE	<b>40</b> 40W <b>100</b> 100W	<b>60</b> 60W	<b>80</b> 80W
<input type="text"/>	CCT / CRI	<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>308</b> 3000K / CRI 85 <b>359</b> 3500K / CRI 93
<input type="text"/>	VOLTAGE	<b>120</b> 120V	<b>277</b> 277V	
<input type="text"/>	DIMMING	<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>DMXR</b> DMX dims to 0.1% (RJ45 Sockets) <b>DALI<sup>2</sup></b> DALI dims to 10%	<b>SPV</b> Superior 0-10V dims to 1% <b>TRC<sup>1</sup></b> Linear line-voltage phase control, dims to 1%
<input type="text"/>	BEAM ANGLE	<b>40</b> 40°	<b>60</b> 60°	<b>WD<sup>3</sup></b> Wide
<input type="text"/>	FINISH*	<b>BLK</b> Black	<b>WHT</b> White	<b>SSR<sup>4</sup></b> Semi-Specular Reflector
<input type="text"/>	ACCESSORIES	<b>SPD<sup>5</sup></b> Surge Protector <b>AWN<sup>7</sup></b> Lutron Athena Wireless Node Standalone Module <b>SCA610<sup>10</sup></b> Sloped Ceiling Adapter 8°-12° <b>SCA625<sup>10</sup></b> Sloped Ceiling Adapter 23°- 27°	<b>EMP</b> Remote Emergency Pack <b>NX<sup>8</sup></b> NX Radio Module Standalone Module <b>SCA615<sup>10</sup></b> Sloped Ceiling Adapter 13°-17°	<b>DF<sup>6</sup></b> Diffuser <b>GR8<sup>9</sup></b> Goof Ring 8" to 10" <b>SCA620<sup>10</sup></b> Sloped Ceiling Adapter 18°-22°

<sup>1</sup> TRC is only compatible with 120V<sup>2</sup> DALI is not compatible with 100<sup>3</sup> WD option reduces delivered lumens by ~20%<sup>4</sup> SSR is not compatible with WD, TRC, SCA<sup>5</sup> Surge protector for up to 10KV. Applicable for unstable mains or facilities using high power machineries<sup>6</sup> DF option reduces delivered lumens by ~12% (~20% with WD)<sup>7</sup> AWN is not compatible with NOD, STV, DMX, DMXR, TRC, LDE1<sup>8</sup> NX is not compatible with NOD, DMX, DMXR, TRC, LDE1, DALI<sup>9</sup> GR8 Includes new reflector and is not compatible with RS6N<sup>10</sup> SCA is not compatible with RS6R

\* Finish indicates trim only, with standard matte silver reflector

## TECHNICAL DETAILS

### Electrical

- 5,130 lm (40W), 8,150 lm (60W), 10,350 lm (80W), 11,300 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
- CRI 75, CRI 85, CRI 93
- Long lasting LED luminaire tested under TM21 lumen maintenance L70 @ 100,000 Hrs

### Optics

- Flow Forming Aluminum Reflector
- Beam Angle : 40°, 60°, WD (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)
- TRC : Linear line-voltage phase control, dims to 1% (120V only)
- LDE1 : Hi-Lume 1% EcoSystem LED Driver with Soft-on, Fade-to-Black
- DALI : dims to 10%

### New Construction Housing

- Aperture : Ø6.3" (New Construction), Ø7" (Retrofit)
- Height : 8"
- Weight : 13.22 lbs (New Construction), 11.02 lbs (Retrofit)
- Material : Extruded Aluminum (New Construction), High Pressure Aluminum (Retrofit)
- Non-IC Rated, insulation must be kept >1ft from housing
- Oversize Trim : 7.2" (New Construction), 8" (Retrofit)
- 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
- Goof Ring 8" : Aluminum, standard white finish; O. D. 10"; other size and finish available, please inquire

\*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
- UKCA
- CE

## PERFORMANCE SUMMARY\*

Delivered Lumens					Current Consumption		
CCT/WATTAGE	2700K	3000K	3500K	4000K	WATTAGE / VOLT	120V	277V
40W	4,570lm	4,800lm	4,890lm	5,130lm	40W	0.37A	0.16A
60W	7,250lm	7,620lm	7,750lm	8,150lm	60W	0.55A	0.24A
80W	8,860lm	9,480lm	10,050lm	10,350lm	80W	0.73A	0.32A
100W	10,710lm	11,090lm	11,170lm	11,300lm	100W	0.92A	0.40A

\* Beam Angle 40° Tolerance ±8%

\* For specifications requiring a CRI of 93, apply a 0.75 multiplier to the lumen output values listed.

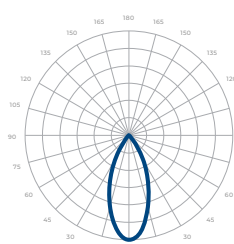
## PERFORMANCE SUMMARY

Emergency Pack Lumen Output Table

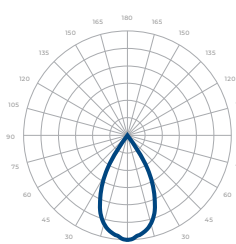
CCT	2700K	3000K	4000K
LUMEN	1,640lm	1,760lm	1,890lm

## PHOTOMETRICS

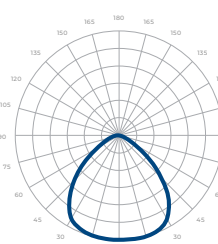
Below is a typical photometric representation of the Rev 6 fixture. Please download IES files to ensure exact photometric value.



40°



60°



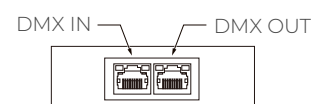
WIDE

## DMX REQUIREMENTS

The Rev 6 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). 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



RJ45 Sockets



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.

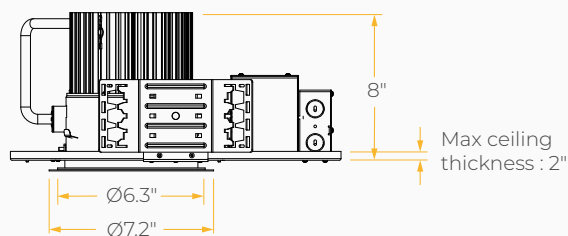
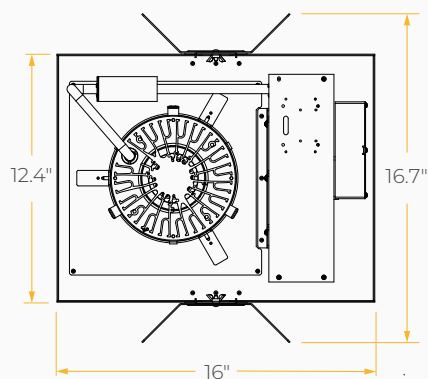
Meteor recommends the use of Belden 9729 or Belden 9841 for DMX installation. Belden 9729/9841 is a two pair cable, which allows for a spare pair for 'out and back' type terminations if needed.

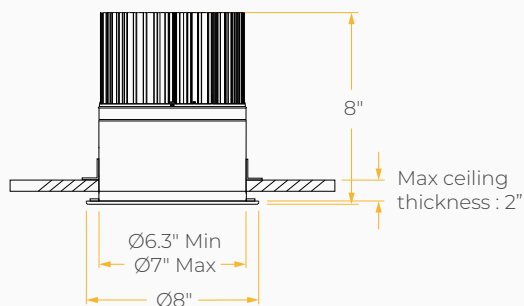
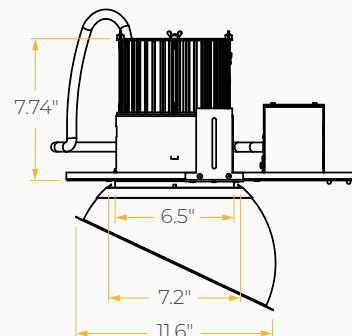
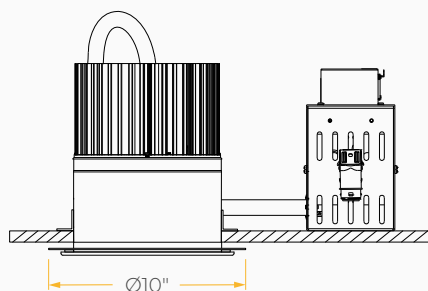
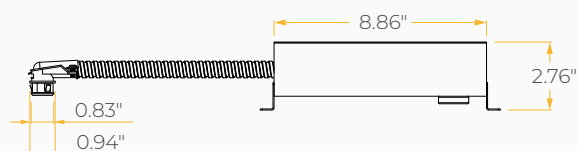
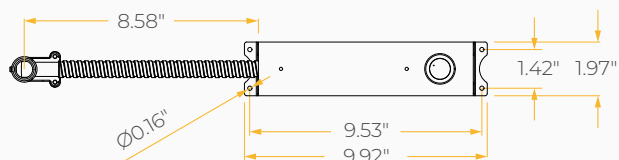
**COMPATIBLE TRC DIMMER LIST**

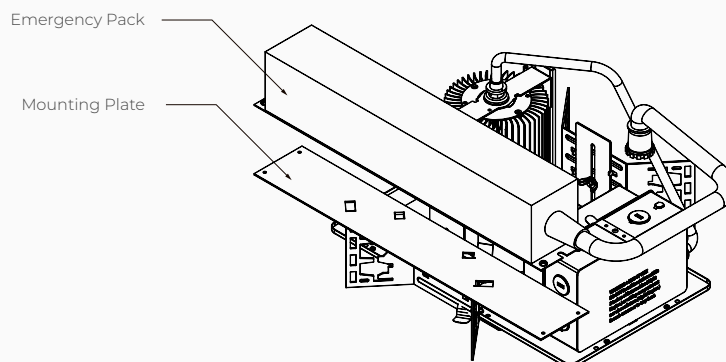
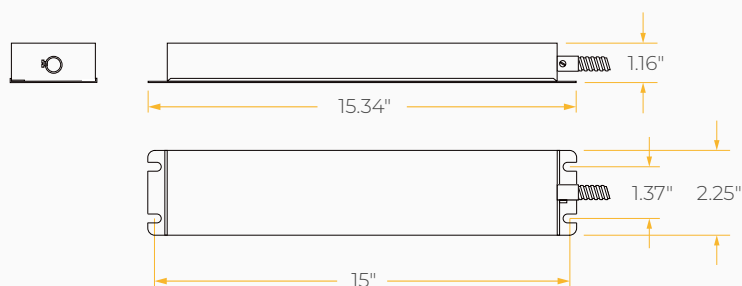
PART NO.					
Lutron DVCL-153P	Lutron TGCL-153P	Lutron S-600P	Lutron SELV-300P	Lutron CT-103P	Lutron DV603P
Lutron MAELV600	Lutron FAELV500	Lutron SCL-153P	Lutron MACL-153M	Lutron DVLV600P	Lutron RRD-6CL
Leviton IPI06-1LZ	Leviton VPE06	Leviton 6673-10W	Leviton VPI06-ILT	Leviton 6161	Leviton LGCL-153PL
Leviton IPL06	Cooper DLC03P-W	Cooper SLC03P	Cooper DAL06P	Cooper AAL06A-C2	

**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****New Construction**

**DIMENSIONS**
**Retrofit**

**Sloped Ceiling Adapter**

**Goof Ring**

**Lutron Athena Wireless Node / NX Radio Standalone Module**


**DIMENSIONS****Remote Emergency Pack****Powerbox Wiring Diagram**