REV 6

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
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	Rated Life
CRI 75, CRI 85, CRI 93	> 100,000 Hours (L70)

Finish
Black | White

Color Temperature
2700K | 3000K | 3500K | 4000K

Optics
40° | 60° | Wide

Warranty
5 Year limited warranty

Listing
ETL LISTED c us Intertek | FC | UKCA
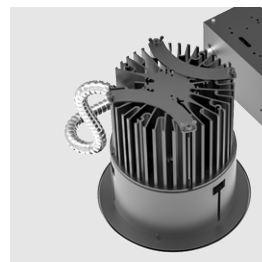
Precision Engineered For High Performance.

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.

pia 16 AWARD WINNER | Next Generation LUMINAIRES 2016

METEOR

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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.

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	**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) **LDE1** Hi-Lume 1% EcoSystem LED Driver with Soft-on, Fade-to-Black	**STV** Standard 0-10V dims to 10% **DMXR** DMX dims to 0.1% (RJ45 Sockets) **DALI²** DALI dims to 10%	**SPV** Superior 0-10V dims to 1% **TRC¹** Linear line-voltage phase control, dims to 1%
	BEAM ANGLE	**40** 40°	**60** 60°	**WD³** Wide
	FINISH*	**BLK** Black	**WHT** White	**SSR⁴** Semi-Specular Reflector
	ACCESSORIES	**SPD⁵** Surge Protector **EMP** Remote Emergency Pack	**DF⁶** Diffuser **AWN⁷** Lutron Athena Wireless Node Standalone Module	**GR8** Goof Ring 8" to 10" **NX⁸** NX Radio Module Standalone Module

⟳ **CLEAR FORM**

¹ *Option is only compatible with 120V*

² *Option not available for 100W*

³ *Please factor in change in lumen output with WD -20%*

⁴ *Option is not compatible with WD, TRC*

⁵ *Surge protector for up to 10KV. Applicable for unstable mains or facilities using high power machineries*

⁶ *Please factor in change in lumen output with Diffuser (-20% with WD; -12% with other degrees)*

⁷ *Option is only compatible with SPV, DALI*

⁸ *Option is only compatible with STV, SPV*

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

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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
- 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%

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
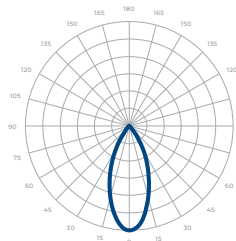- FCC
- UKCA

PERFORMANCE SUMMARY*

Delivered Lumens				
CCT/WATTAGE	2700K	3000K	3500K	4000K
40W	4,570lm	4,800lm	4,890lm	5,130lm
60W	7,250lm	7,620lm	7,750lm	8,150lm
80W	8,860lm	9,480lm	10,050lm	10,350lm
100W	10,710lm	11,090lm	11,170lm	11,300lm

Current Consumption		
WATTAGE / VOLT	120V	277V
40W	0.37A	0.16A
60W	0.55A	0.24A
80W	0.73A	0.32A
100W	0.92A	0.40A

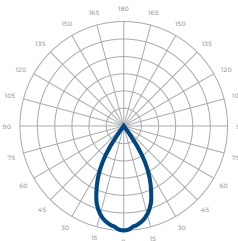** Beam Angle: 40° Tolerance ±8%*
* For specifications requiring a CRI of 93, apply a 0.75 multiplier to the lumen output values listed.

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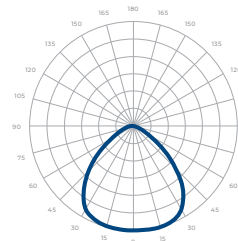
Below is a typical photometric representation of the Rev 6 fixture. Please download IES files to ensure exact photometric value.

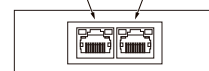40°   60°   WIDE

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

DMX IN ——   —— DMX OUT

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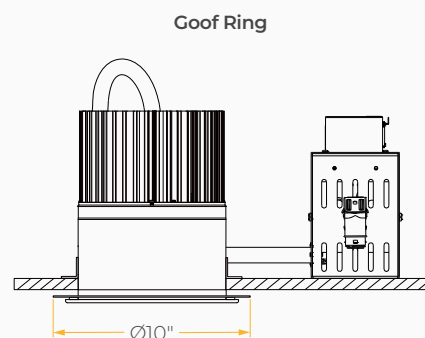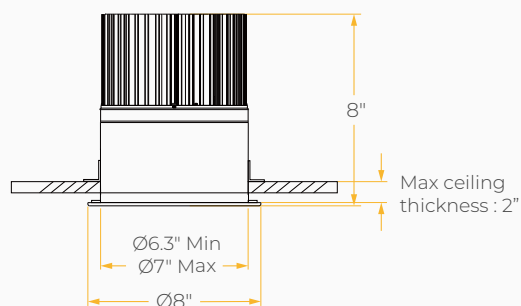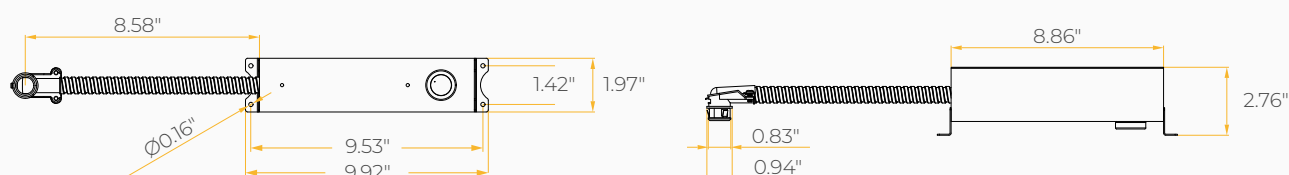
Meteor recommends the use of Belden 9729 or Belden 9841 for DMX installation. Belden 9729/9841 is a two pair cable, which allows for a spare pair for 'out and back' type terminations if needed.

COMPATIBLE 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

8"

Max ceiling thickness : 2"

Ø6.3" Min
Ø7" Max
Ø8"

Goof Ring

Ø10"

Lutron Athena Wireless Node / NX Radio Standalone Module

8.58"

1.42" 1.97"

Ø0.16"

9.53"
9.92"

8.86"

2.76"

0.83"
0.94"

POWERBOX WIRING DIAGRAM

To LED Module

15" Flexible Conduit

Power Box

To Existing Junction Box

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