

REV 8 PRIME

SPECIFICATION SHEET
STANDARD

QUIET CEILING DESIGN HIGH LUMEN RECESSED DOWNLIGHT

Housing

Aperture : Ø9" | Oversize Trim : 9.13" | Ceiling Cutout : 8.25"
Maximum Ceiling Thickness : 1.5" | Height : 8.6"
Weight : 17.63 lbs/18.82 lbs (New Construction), 16.13 lbs (Retrofit)

Material

Housing : Forged Aluminum Heatsink
Reflector : Flow Forming Aluminum

Power Input

95W, 125W, 145W, 185W, 225W | 120V, 277V

Lumen Output

12,260 lm (95W), 16,130 lm (125W), 18,715 lm (145W), 23,880 lm (185W),
28,000 lm (225W)

Dimming

Superior 0-10V : dims to 1%, dims to dark
DMX : High resolution dims to 0.1%
TRC : Linear line-voltage phase control, dims to 1%
DALI : Dims to 10%

Color Quality

CRI 85, CRI 93

Rated Life

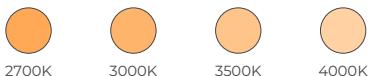
> 100,000 Hours (L70)

Finish

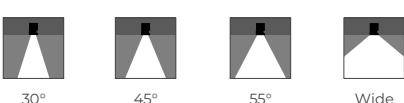


Black White

Color Temperature



Optics



Warranty

5 Year limited warranty

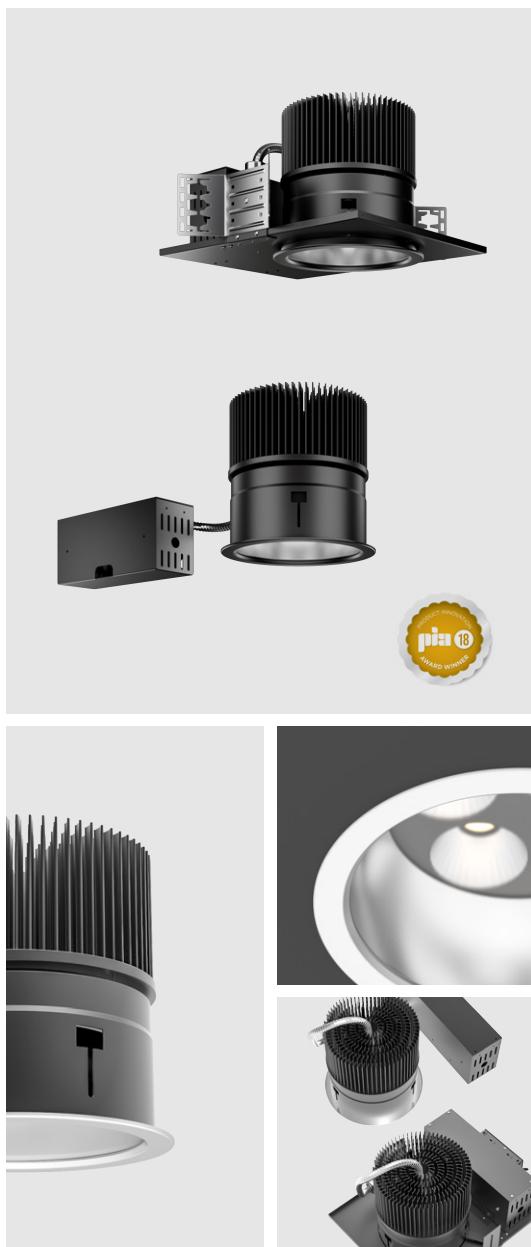
Listing



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

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.

	MODEL	RS8N Rev 8 New Construction	RS8R Rev 8 Retrofit	
	WATTAGE	95 95W 185 185W	125 125W 225 225W	145 145W
	CCT / CRI	278 2700K / CRI 85 309 3000K / CRI 93	279 2700K / CRI 93 358 3500K / CRI 85	308 3000K / CRI 85 408 4000K / CRI 85
	VOLTAGE	120 120V	277 277V	
	DIMMING	NOD Non-Dimming DMXR DMX dims to 0.1% (RJ45 Sockets)	SPV Superior 0-10V dims to 1%, dims to dark TRC¹ Linear line-voltage phase control, dims to 1%	DMX DMX dims to 0.1% (XLR Sockets) DALI DALI dims to 10%
	BEAM ANGLE	30 30° WD² Wide (With diffuser)	45 45°	55 55°
	FINISH[*]	BLK Black	WHT White	
	ACCESSORIES	DF³ Diffuser AWN⁵ Lutron Athena Wireless Node Standalone Module GR14⁷ Goof Ring 9.2" to 16" SCA820⁸ Sloped Ceiling Adapter 18°-22°	SPD⁴ Surge Protector NX⁶ NX Radio Module Standalone Module SCA810⁸ Sloped Ceiling Adapter 8°-12° SCA825⁸ Sloped Ceiling Adapter 23°-27°	EMP Remote Emergency Pack GR12⁷ Goof Ring 9.2" to 14" SCA815⁸ Sloped Ceiling Adapter 13°-17° 2CPL⁹ 2' X 2' X 1" Custom Metal Ceiling Panel

CLEAR FORM¹ TRC is only compatible with 120V and is not compatible with 225² WD option reduces delivered lumens by ~20%³ DF option reduces delivered lumens by ~12% (~20% with WD)⁴ Surge protector for up to 10KV. Applicable for unstable mains or facilities using high power machineries⁵ AWN is not compatible with NOD, DMX, DMXR, TRC⁶ NX is not compatible with NOD, DMX, DMXR, TRC, DALI⁷ GR includes new reflector and is not compatible with R8PN⁸ SCA is not compatible with R8PR⁹ 2CPL is not compatible with R8PR, SCA810, SCA815, SCA820, SCA825^{*} Finish indicates trim only, with standard matte silver reflector

TECHNICAL DETAILS

Electrical

- 12,260 lm (95W), 16,130 lm (125W), 18,715 lm (145W)
- 23,880 lm (185W), 28,000 lm (225W)
- Power Input : 120V or 277V
- Operating Temperature : -40°F~112°F
- Surge Protection : Built-in is 4kV
- Emergency Pack with Mounting Plate : Philips Bodine BSL20B2UEK55C1II
- Power Factor Greater than 0.9

LED Features

- Color Temperature : 2700K, 3000K, 3500K, 4000K
- CRI 85, CRI 93
- Long lasting LED luminaire tested under TM21 lumen maintenance L70 @ 100,000 Hrs

Optics

- Flow Forming Aluminum Reflector
- Beam Angle : 30°, 45°, 55°, WD (With diffuser)

Advanced Dimming

- Proprietary VX Driver™ is incorporated to all dimming options for video flicker-free lighting
- Superior 0-10V : dims to 1%, dims to dark
- DMX : High resolution dims to 0.1% (Supports ANSI E1.20 RDM protocol)
- DALI : Dims to 10%

Not Compatible with 225W Option :

- TRC : Linear line-voltage phase control, dims to 1% (120V only)

PERFORMANCE SUMMARY*

Delivered Lumens				
CCT/WATTAGE	2700K	3000K	3500K	4000K
95W	10,970lm	11,615lm	11,865lm	12,260lm
125W	14,435lm	15,285lm	15,615lm	16,130lm
145W	16,745lm	17,730lm	18,110lm	18,715lm
185W	21,365lm	22,620lm	23,110lm	23,880lm
225W	25,025lm	26,530lm	27,100lm	28,000lm

New Construction Housing

- Aperture : Ø8.15" (New Construction), Ø9" (Retrofit)
- Height : 8.6"
- Weight : 17.63 lbs/18.82 lbs (New Construction), 16.13 lbs (Retrofit)
- Material : Forged Aluminum Heatsink
- Non-IC Rated, insulation must be kept >1ft from housing
- Oversize Trim : 8.46" (New Construction), 9.13" (Retrofit)
- Ceiling Cutout : 8.25"
- Maximum Ceiling Thickness : 1.5"
- Tool-less top access allows service from above and below
- Light engine, optics, and driver(s) accessible from below ceiling
- Goof Ring 14" : Aluminum, standard white finish; O. D. 16"; 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
- CE
- UKCA

Current Consumption		
WATTAGE / VOLT	120V	277V
95W	0.87A	0.38A
125W	1.15A	0.50A
145W	1.33A	0.58A
185W	1.65A	0.71A
225W	2.02A	0.87A

* Beam Angle 30° Tolerance ±8%

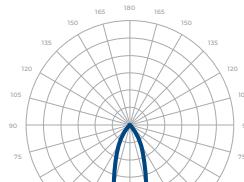
*For specifications requiring a CRI of 93, apply a 0.75 multiplier to the lumen output values listed.

Emergency Pack Lumen Output Table

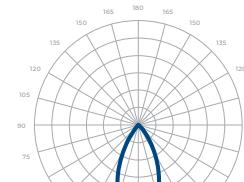
CCT	2700K	3000K	4000K
LUMEN	1,640lm	1,760lm	1,890lm

PHOTOMETRICS

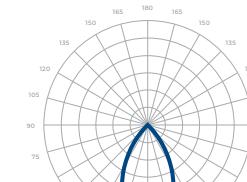
Below is a typical photometric representation of the Rev 8 Prime fixture. Please download IES files to ensure exact photometric value.



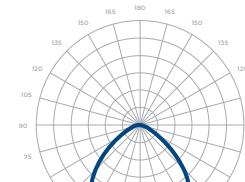
30°



45°



55°



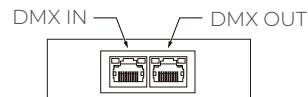
WIDE

DMX REQUIREMENTS

The Rev 8 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



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.

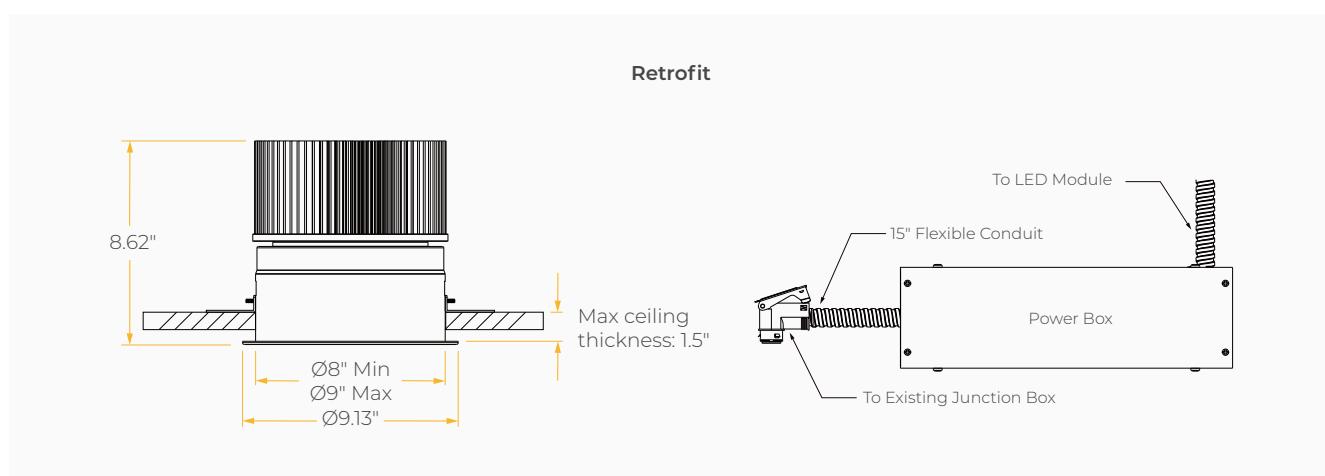
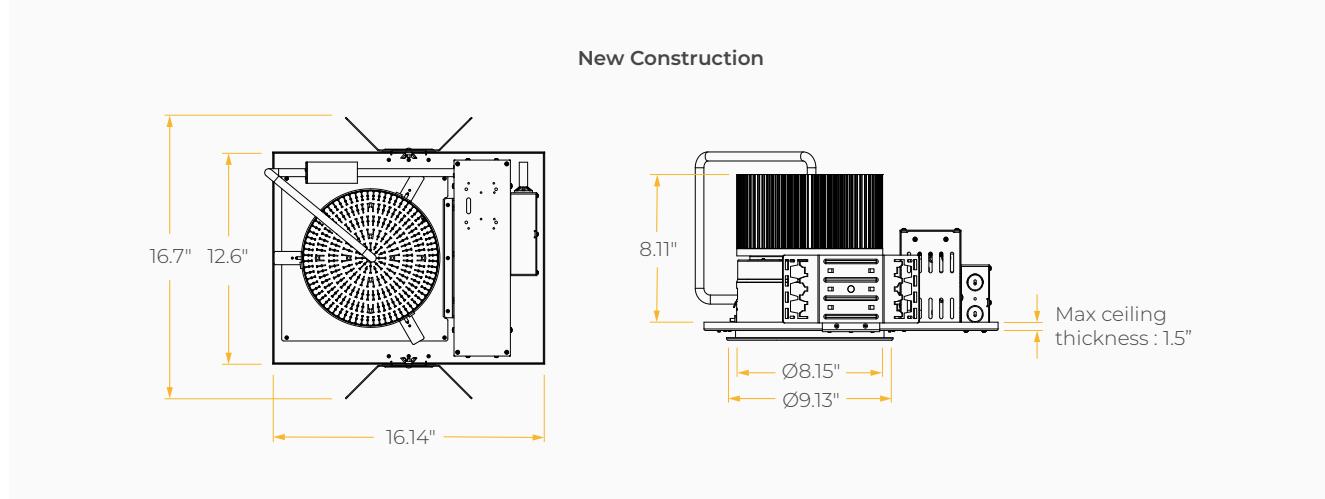
COMPATIBLE TRC DIMMER LIST

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 IPL06-1LZ	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

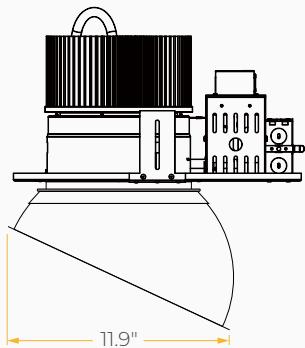
LUTRON PART NO.						
RMJ-ECO32-DV-B	FCJ/FCJS-ECO	QSN-1ECO-S	QSN-2ECO-S	QSGRJ-_E	QSGR-_E	QP2-_2C
QP2-_4C	QP2-_6C	QP2-_8C	LQSE-2ECO-D			

DIMENSIONS

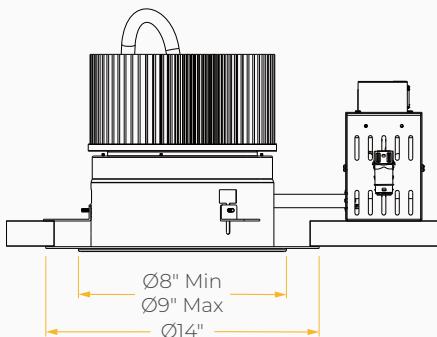


DIMENSIONS

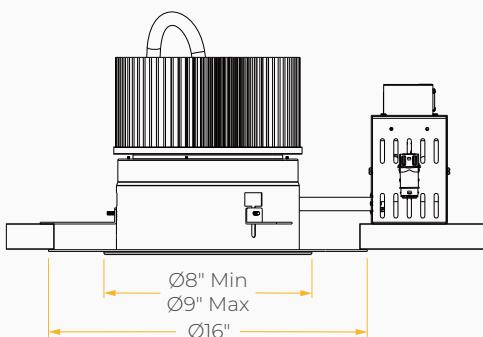
Sloped Ceiling Adapter



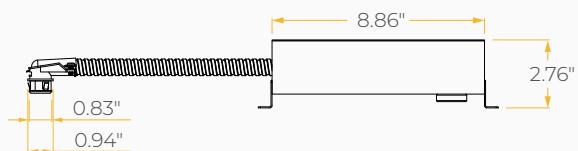
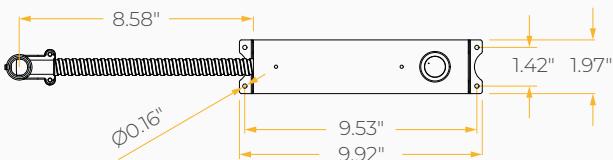
Goof Ring 12



Goof Ring 14



Lutron Athena Wireless Node / NX Radio Standalone Module



DIMENSIONS