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), 23,880lm (185W), 28,000lm (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

2700K 3000K 3500K 4000K

Optics

30° 45° 55° Wide

Warranty
5 Year limited warranty

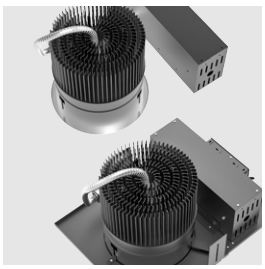
Listing

Intertek

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.



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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.

	MODEL	○ **R8PN** REV 8 Prime with New Construction Frame	○ **R8PR** REV 8 Prime 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 ○ **TRC**[1] 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° ○ **WD**[2] Wide (With diffuser)	○ **45** 45°	○ **55** 55°
	FINISH*	○ **BLK** Black	○ **WHT** White	
	ACCESSORIES	☐ **DF**[3] Diffuser ☐ **AWN**[5] Lutron Athena Wireless Node Standalone Module ☐ **GR14**[7] Goof Ring 9.2" to 16" ☐ **SCA820**[8] Sloped Ceiling Adapter 18°-22°	☐ **SPD**[4] Surge Protector ☐ **NX**[6] NX Radio Module Standalone Module ☐ **SCA810**[8] Sloped Ceiling Adapter 8°-12° ☐ **SCA825**[8] Sloped Ceiling Adapter 23°- 27°	☐ **EMP** Remote Emergency Pack ☐ **GR12**[7] Goof Ring 9.2" to 14" ☐ **SCA815**[8] Sloped Ceiling Adapter 13°-17° ☐ **2CPL**[9] 2' X 2' X 1" Custom Metal Ceiling Panel

CLEAR FORM

[1] *TRC is only compatible with 120V and is not compatible with 225*
[2] *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 machineries*
[5] *AWN is not compatible with NOD, DMX, DMXR, TRC*
[6] *NX is not compatible with NOD, DMX, DMXR, TRC, DALI*
[7] *GR includes new reflector and is not compatible with R8PN*
[8] *SCA is not compatible with R8PR*
[9] *2CPL is not compatible with R8PR, SCA810, SCA815, SCA820, SCA825*
[*] *Finish indicates trim only, with standard matte silver reflector*

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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 BSL20B2UEK55C1I1
- 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)

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

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

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

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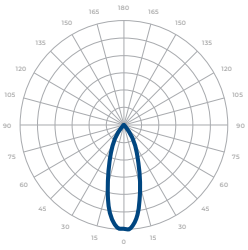
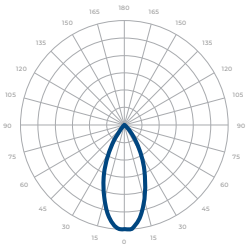
PHOTOMETRICS

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



30°



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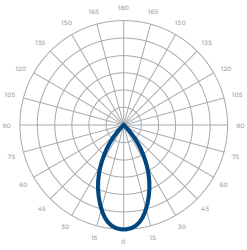
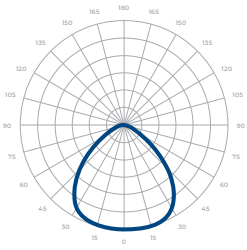


55°



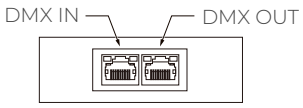
WIDE

DMX REQUIREMENTS

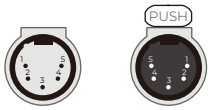
The Rev 8 fixture with DMX is a **single channel dmx** unit. When placing an order, please indicate DMX address. (The DMX address will be listed on the back of the fixture). Do not connect more than 32 fixtures per DMX daisy chain.

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.

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COMPATIBLE TRC DIMMER LIST

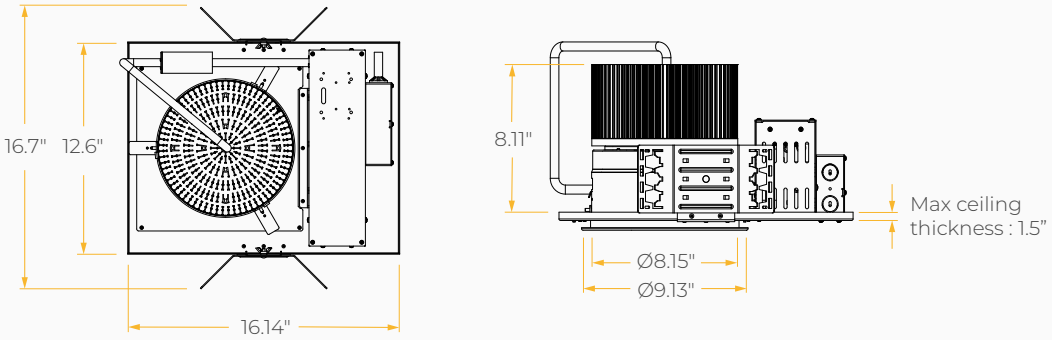
PART NO.					
Lutron DVCL-153P	**Lutron** TGCL-153P	**Lutron** S-600P	**Lutron** SELV-300P	**Lutron** CT-103P	**Lutron** DV603P
Lutron MAELV600	**Lutron** FAELV500	**Lutron** SCL-153P	**Lutron** MACL-153M	**Lutron** DVLV600P	**Lutron** RRD-6CL
Leviton IPI06-1LZ	**Leviton** VPE06	**Leviton** 6673-10W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

COMPATIBLE LDE1 DIMMER LIST

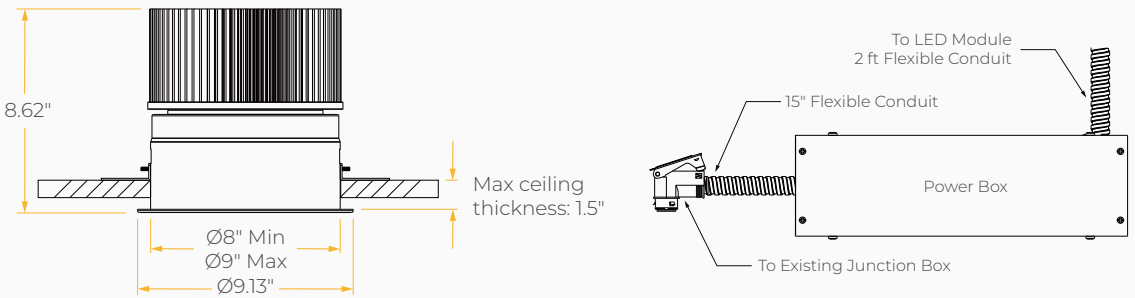
LUTRON PART NO.						
RMJ-ECO32-DV-B	FCJ/FCJS-ECO	QSN-1ECO-S	QSN-2ECO-S	QSGRJ-_E	QSGR-_E	QP2-_ _ 2C
QP2-_ _ 4C	QP2-_ _ 6C	QP2-_ _ 8C	LQSE-2ECO-D			

DIMENSIONS

New Construction



Retrofit



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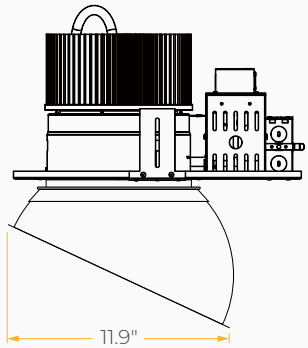
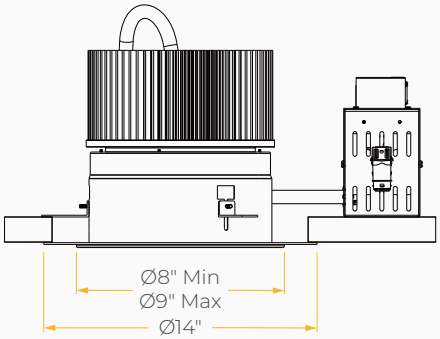
DIMENSIONS

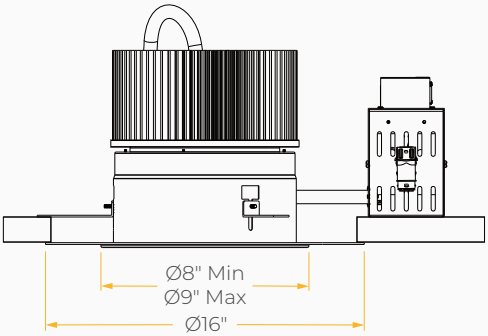
Sloped Ceiling Adapter



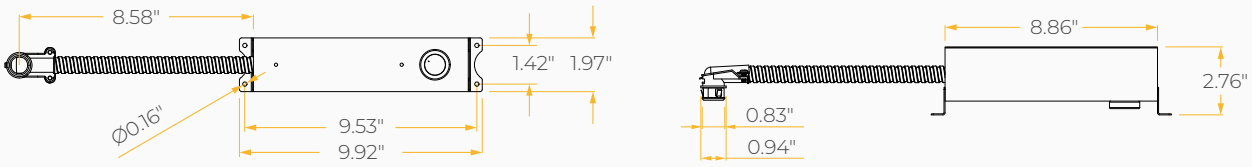
Goof Ring 12



Goof Ring 14



Lutron Athena Wireless Node / NX Radio Standalone Module



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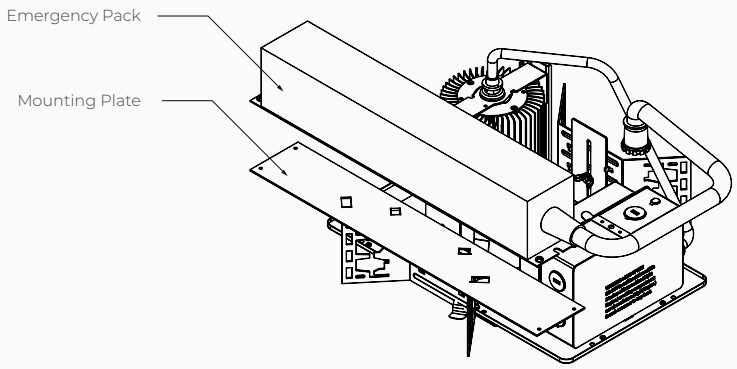
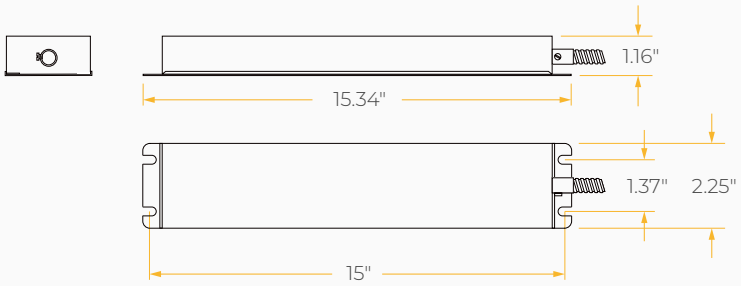
DIMENSIONS



Remote Emergency Pack



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