

# 1"

## Architectural LED Downlight

# EPD-R1-SQ

## Edison Series



### Application

A family of compact architectural downlights, the featured fixture has a 1" aperture, emitting a strong and accurate beam of light for even illumination without glare. This versatile fixture serves as a downlight, pinhole light, and adjustable downlight, seamlessly combining multiple functions in one.

### Features

- The upper module of the fixture features a pull-down mechanism that can be extended by up to 2 inches. It allows for tilting up to 90° and rotating up to 360°, securely locking into place. When adjusting the module, the reflector can be positioned to cover the cavity as needed.

<b>Lumens</b>	<b>High Performance:</b> 800, 1000
<b>CCT &amp; Dynamic Platforms</b>	<b>High Performance:</b> 27K, 30K, 35K, 40K, 50K
<b>CRI</b>	<b>High Performance:</b> 90+
<b>Color Quality</b>	2 Step MacAdam Ellipse
<b>Distributions</b>	MD
<b>Trim Options</b>	Downlight (Flanged), Adjustable, Wall Wash, Trim-less
<b>Reflector Colors</b>	W (White)
<b>Flange Colors</b>	WH (Self-Flanged White)
<b>Dimming</b>	DIM10, DIMTR
<b>Emergency</b>	REM-EMG-LED-10W, REM-EMG-LED-20W
<b>Lifetime</b>	L70 Rated for 120,000 hours at 70% lumen maintenance
<b>Photometric Tests</b>	In Accordance with IES LM79-08, LM80 and TM-30, TM-21



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PART NUMBER: **EPD-R1-SQ-800L-27K-90-MD-DIM10-120V-REM-EMG-LED-10W**

Series	Lumens	CCT	CRI	Optics	Driver	Voltage	Emergency	Options
<b>EPD-R1-SQ</b>	<b>800L</b> <b>1000L</b>	<b>27K</b> <b>30K</b> <b>35K</b> <b>40K</b> <b>50K</b>	<b>90+</b>	<b>MD</b>	<b>DIM10</b> <b>DIMTR<sup>3</sup></b>	<b>120V</b> <b>277V</b>	<b>REM-EMG-LED-10W</b> <b>REM-EMG-LED-20W</b>	- <b>CP<sup>6</sup></b> <b>USA</b>







<sup>1</sup> 50K series are available with 85+ CRI only    <sup>2</sup> 98+ CRI is available in 27K, 30K and 40K only    <sup>3</sup> DIMTR and LUT2W available in 120V only  
<sup>4</sup> LUTFTB Available for luminaires up to 1500L    <sup>5</sup> 347V is available in only DIM10    <sup>6</sup> CP Available for luminaires up to 1500L

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REFLECTOR TYPE	MOUNTING	FINISH
 <p><b>EPD-15Q-112</b> Open Downlight/Adjustable</p>	 <p><b>Square Flanged</b></p>	 <p><b>CL-WH</b> Clear White</p>
 <p><b>EPD-15Q-TL-112</b> Open Downlight/Adjustable</p>	 <p><b>Square Trimless</b></p>	 <p><b>CL</b> Clear</p>

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### Modifications Available

Consult factory for modification requests; orders may require shop drawing approval.

### Adjustable

Has full adjustable aiming capability, allowing the double gimbal mechanism to rotate 360°, pivot 90°, and lock into place at any desired position.

### Wall Wash

The optical assembly delivers uniform ceiling-to-floor wallwashing without creating any visible scallops. The optical assembly is specially designed to extend a beam in two directions for a uniform floor-to-ceiling and side-to-side wash of light.

### Housing / Mounting

This remodel housing is designed for small apertures and includes thermal protection. It allows for quick and easy installation from below the ceiling in existing plaster or mechanical ceilings. To remove the fixture and access the driver, three remodel clips can be conveniently accessed from below the ceiling.

### Installation

The housing is securely held in place by three pre-installed spring clips, providing stability. It can accommodate various ceiling thicknesses ranging from ½" to 1-1/4".

### Emergency Options/Controls

The test switch for the emergency battery can be installed on the side of the reflector (integral INTG-EMG option), or the test switch can be mounted remotely (EMG-LED option). Self Diagnostic emergency option available (EMG-SDT-LED-10W) Typical lumen output of the luminaire is up to 1000L with EMG-LED-10W or INTG-EMG-LED-10W option & 2000L with EMG-LED-20W or INTG-EMG-LED-20W option in emergency mode. Other accessories and controls systems include modular wiring systems, daylight harvesting controls, occupancy sensors, and/or power packs for individual or room control applications.

### Drivers

- DIM10 - 0-10V dimming on either MVOLT 120V . Dimmable down to 5% of initial lumens, standard.
- DIMTR - Triac & Electronic low voltage dimming. Available in 120V only.

### Listings

- c-UL-us listed for wet location location
- c-UL-is listed for feed through wiring

### Dimming & Driver Information

**DIM10** - 0-10V dimming on either MVOLT 120, 277 or 347V. Dimmable down to 1% of initial lumens, standard

**DIMTR** - Triac & Electronic low voltage forwardp hase dimming. Available in 120V only



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