

1"

Architectural LED Downlight

EPD-R1

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.

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



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

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

¹ 50K series are available with 85+ CRI only ² 98+ CRI is available in 27K, 30K and 40K only ³ DIMTR and LUT2W available in 120V only

⁴ LUTFTB Available for luminaires up to 1500L ⁵ 347V is available in only DIM10 ⁶ CP Available for luminaires up to 1500L

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REFLECTOR TYPE			MOUNTING	FINISH
 EPD-1-112 Open Downlight/Adjustable	 EPD-1-113 Wall Wash	 EPD-1-116 Adj Pull Down	 Round Flanged	 CL-WH Clear White
 EPD-1-TL-112 Open Downlight/Adjustable	 EPD-1-TL-113 Wall Wash		 Round Trimless	 CL Clear

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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

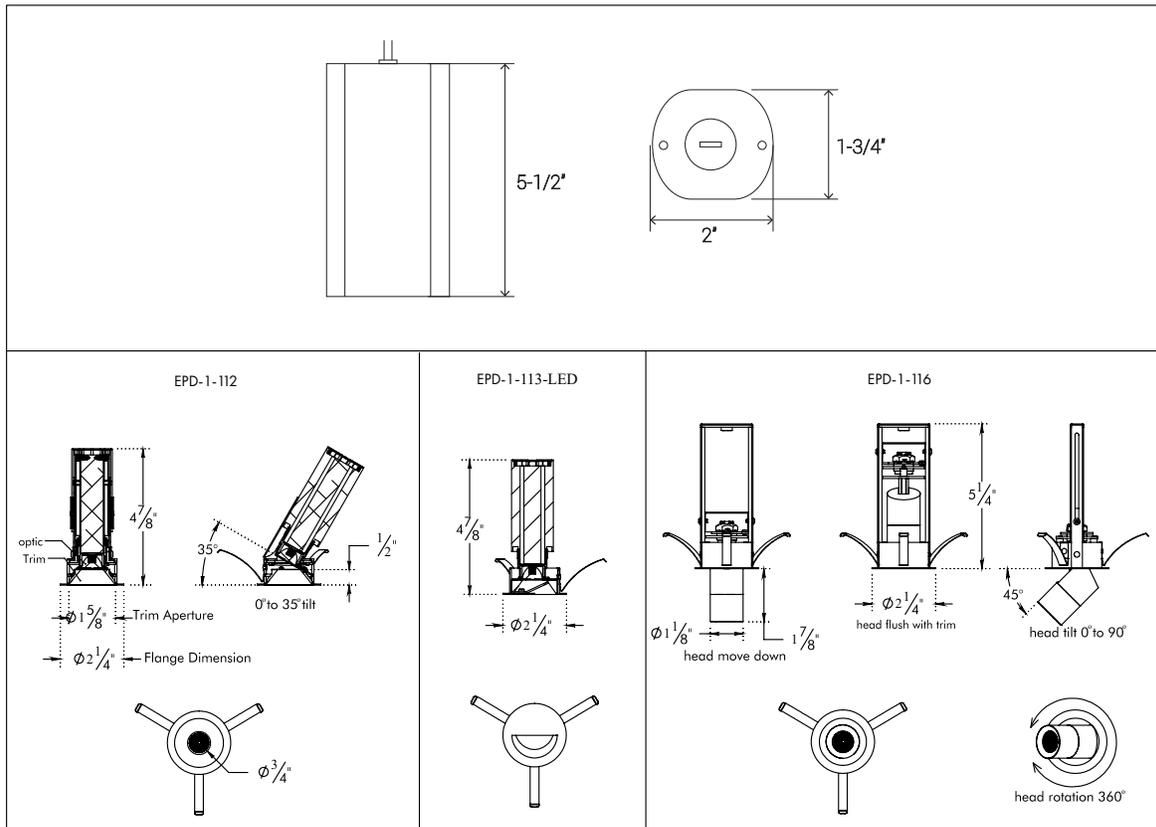


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