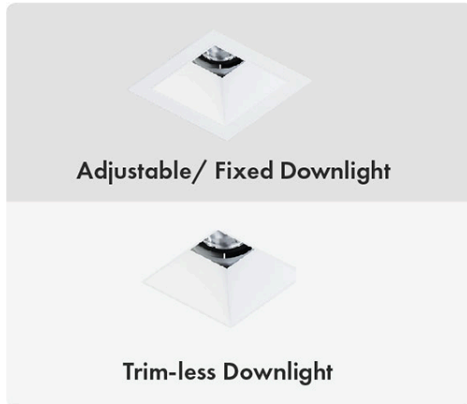


1"

EPD-1 SQ-IC

1" Square IC Adjustable Downlight

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

Vertical Adjustment

- Slide the upper module up or down to achieve the desired beam angle, ranging from narrow to wide distribution.
- Use the provided Allen wrench to lower the height of the upper module for a wider distribution.
- Twist the captive screws counterclockwise to raise the height of the upper module for a narrower distribution.

Tool-less Hot Aiming

- Achieve a full 35-degree tilt and 360-degree rotation.
- Securely lock the fixture into place once the desired position is reached.

Shielding

- Adjust the shielding of the LEDs after setting the tilt, rotation, and beam angle.
- Prevent light loss and enhance directional aiming.
- Trims
- Available in round, square, and wall wash designs.

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 (Medium 35°)
Trim Options	Downlight (Flanged), Adjustable, Wall Wash, Trim-less, Square
Reflector Colors	W (White), CL (Chrome)
Flange Colors	WH (White)
Dimming	DIM10, DIMTR
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

Nominal Lumens	Delivered Lumens	Wattage
800L	766	10

Based on 4000K, 90+ CRI with semi-specular chrome reflector. Actual wattage may vary +/-5%



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PART NUMBER: **EPD-1SQ-IC-800L-27K-90-MD-DIM10-120V**

Series	Lumens	CCT	CRI	Optics	Driver	Voltage	Options
EPD-1SQ-IC	800L³ 1000L⁴	27K 30K 35K 40K 50K	90+ 85+¹	MD <small>Medium (35°)</small>	DIM10 DIMTR²	120V MVOLT	- BP30

TRIM OPTIONS: (MODULES)

 EPD-1SQ-112 Adjustable/Fixed Downlight	EPD-1SQ-112-30K-WH-WH	
	CCT	Finish
	27K	WH-WH
	30K	CL-WH
	35K	
	40K	
	50K	

 EPD-1SQ-TL-112 Adjustable/Fixed Downlight	EPD-1SQ-TL-112-30K-WH-WH	
	CCT	Finish
	27K	WH-WH
	30K	CL-WH
	35K	
	40K	
	50K	

¹ 85+ CRI only available in 50K ² DIMTR available in 120V only ³ Available only in 10W with new construction and remodel housing

⁴ Available only in 15W with new construction and remodel housing

1" Square IC Adjustable Downlight

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.

Trim Design**Downlight, Pinhole, Adjustable: All In-One**

- EPD-1-ADJ architectural downlight, with a small 1" aperture, delivers a powerful and precise beam of light, providing uniform, glare-free illumination. It functions as a downlight, pinhole, and adjustable downlight all-in-one.
- The pull-down mechanism extends the upper module up to 2 inches, allowing it to tilt up to 90° and rotate up to 360°, and locks securely into position. The reflector can be adjusted to cover the cavity when repositioning the module.

Vertical Adjustment

- Slide the upper module up or down to achieve the desired beam angle, from narrow to wide distribution. Alternatively, use the provided Allen wrench to lower the height of the upper module for a wider distribution. Turning the captive screws counterclockwise raises the height of the upper module for a narrower distribution.

Tool-less Hot Aiming

- Manually adjust the module to achieve up to a 35-degree tilt, allowing precise light aiming. Once the desired position is reached, the module can be securely locked into place.

Shielding

- After adjusting and locking the tilt, rotation, and beam angle, you can fine-tune the LED shielding to minimize light loss and improve directional aiming.

Wall Wash

- A deeply recessed light source combined with a wall wash eyelid trim ensures even illumination while reducing glare at the ceiling line. The wall wash distribution highlights shelves, displays, or artwork on the wall, creating the impression of a larger room.

Housing / Mounting

Pre-installed bar hangers allow the housing to be positioned and secured anywhere within a 24" joist span. They can be adjusted along either the long or short axis of the housing and can be shortened for 12" joists. A double-headed real nail provides secure attachment to the joist, and the bar hanger nails are installed at a 20° downward angle for better contact. The 90° pivoting mounting plate ensures fast and precise installation. Bar hangers can also be mounted onto T-Bar spline, featuring additional slots and holes for specialized mounting methods if needed. The 18-gauge steel butterfly brackets are vertically adjustable and can be installed with 3/4" or 1-1/2" lathing channel, 1/2" EMT, or optional C-Channel mounting bars.

Electrical/Transformer

- The junction box and driver can be accessed from both below and above the ceiling. The junction box is listed for through branch circuit wiring, supports 12 AWG 90° C supply conductors, and features four 1/2" knockouts, one 3/4" knockout, and four Romex knockouts with true pry-out slots and strain clamps.

Accessible Driver

- The driver is connected to a wire attached to the luminaire body and is housed within the housing. It can be accessed from below the ceiling via a simple pull-down mechanism.

Collar Bracket

For custom or thicker ceiling applications, it is recommended to contact the factory for assistance. The integral laser beam slots in this product allow for the use of guide strings or leveling laser guns, ensuring accurate installation of luminaires in a level and straight manner.

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 damp location
- c-UL-us listed for feed through wiring
- c-UL-us listed for direct contact with insulation

Dimming & Driver Information

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

DIMTR - Triac & Electronic low voltage forward phase dimming. Available in 120V only

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FLANGED

TRIMLESS

