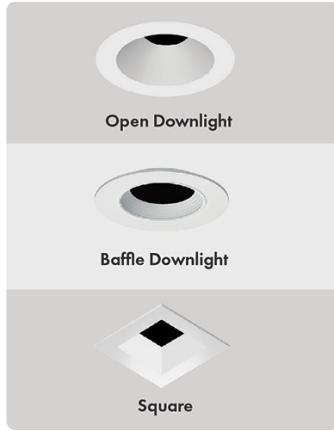


2"

Architectural LED Downlight- Remodel

EPD-R2

Edison Series



Application

A versatile fixture with a 2" aperture designed for precise lighting control. It adjusts its lighting output to suit specific needs, offering focused task lighting, ambient illumination, or accent lighting. Ideal for a range of architectural and interior design applications, it ensures you achieve your desired lighting effects effortlessly.

Features

- Architectural adjustable downlight features:
- A compact 2" aperture
- Multiple beam options
- High CRI of over 90
- Up to 1000 lumens of brightness
- Adjustable tilt angles from 0 to 40 degrees
- 360-degree horizontal rotation
- Sturdy 18-gauge steel mounting frame with C-channel brackets for up to 24" horizontal and 1.5" vertical adjustments
- Die-formed construction for effective heat dissipation and rust protection
- Available in a Wall Wash configuration
- Interchangeable round and square trims
- Various finishes
- Passive cooling via a Diecast Aluminum Heat Sink for precise lighting alignment with its unique mechanism.

Lumens	High Performance: 750, 1000, 1200
CCT & Dynamic Platforms	High Performance: 27K, 30K, 35K, 40K
CRI	High Performance: 90+
Color Quality	2 Step MacAdam Ellipse
Distributions	SPD (Spot 15°), ND (Narrow 26°), MD (Medium 38°), WD (Wide 50°)
Trim Options	Baffled Open Trim, Baffled Lensed Trim, Reflector Open Trim, Reflector Lensed Trim
Reflector Colors	CL (Semi-Specular Chrome), SHZ (Low Iridescent Satin Haze), W (White),
Flange Colors	WH (Self-Flanged White), SHZ (Self-Flanged Low Iridescent Satin Haze)
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	785	12
1000L	1115	16
1200L	1434	19

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



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PART NUMBER: **EPD-R2-750L-27K-90-SPD-DIM10-120V**

Series	Lumens	CCT	CRI	Optics	Driver	Voltage
EPD-R2	750L 1000L 1200L	27K 30K 35K 40K	90+	SPD Spot (15°) ND Narrow (26°) MD Medium (38°) WD Wide (50°)	DIM10 DIMTR³	120V 277V

1 50K series are available with 85+ CRI only **2** 98+ CRI is available in 27K, 30K and 40K only **3** DIMTR 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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ORDERING GUIDE:

REFLECTOR TYPE				MOUNTING	FINISH	
 EPD-2-121 Baffle Open Trim	 EPD-2-127 Baffled Lensed Trim WET LOCATION	 EPD-2-122 Open Trim Reflector	 EPD-2-128 Lensed Trim Reflector WET LOCATION	 Round Flanged	 WH-WH White	 CL-WH Clear Semi-Spec
 EPD-2-123 Wallwash					 SHZ-WH Satin Haze	
 EPD-2SQ-121 Baffle Open Trim	 EPD-2SQ-127 Baffled Lensed Trim WET LOCATION	 EPD-2SQ-122 Open Trim Reflector	 EPD-2-128 Lensed Trim Reflector WET LOCATION	 Square Flange	 WH-WH White	 CL-WH Clear Semi-Spec
 EPD-2-123 Wallwash					 SHZ-WH Satin Haze	

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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.

Housing / Mounting

Thermally shielded, specification-grade recessed housing designed for use in both new construction and remodel projects with insulated ceilings where the housing will be in direct contact with insulation. Constructed from die-formed all-aluminum material and finished in matte black for optimal heat dissipation, rust prevention, and glare-free illumination.

Installation

It comes with an exclusive rotate-and-lock feature, ensuring straightforward installation and adjustability.

Emergency Options/Controls

The Emergency battery pack needs to be remote mounted in a junction above the ceiling. A custom made canopy can also be provided upon request when there is no ceiling access and the emergency needs to be mounted below the ceiling line. The test switch for the emergency battery is mounted remotely (EMG-LED option) on the ceiling. Self Diagnostic emergency option available (EMG-SDT) Typical lumen output of the luminaire is up to 1000L with EMG-LED-10W option & 2000L with 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.

Technology

Crafted using advanced LED technology, it provides an array of beam distributions, a CRI exceeding 90, up to 1000 lumens, 1% dimming capability, and the choice of warm dim technology.

Dim to Warm Option

Dim to Warm simulates traditional incandescent halogen lighting through dimming. When the luminaire dims to warm from 100% to .1%, it makes a smooth transition across the black body radiator while maintaining a constant CRI of 90+. Available in 30K-18K, 30K-22K or 27K-18K range.

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 forward phase dimming. Available in 120V only

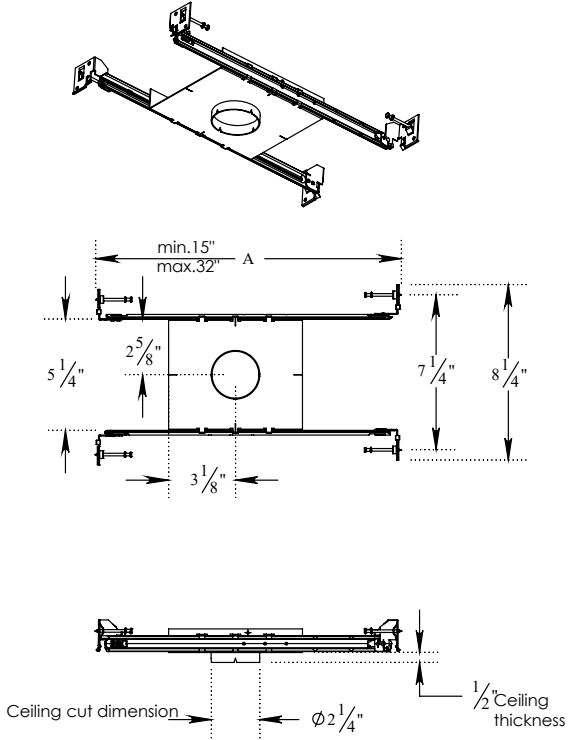
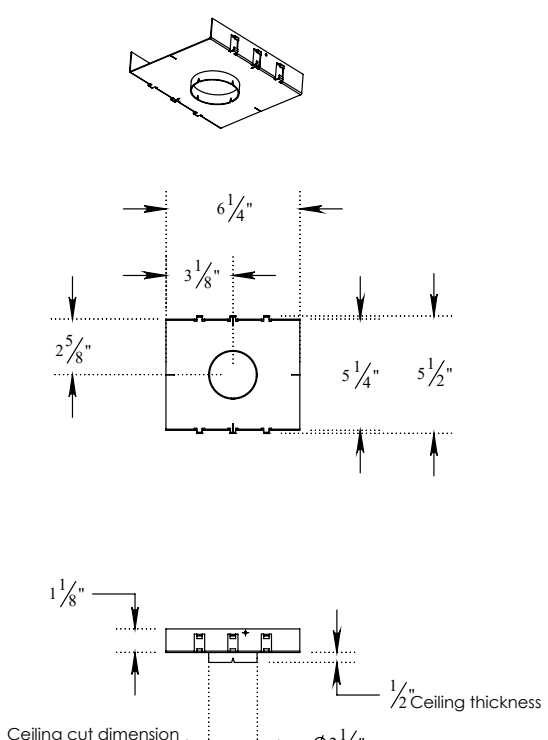
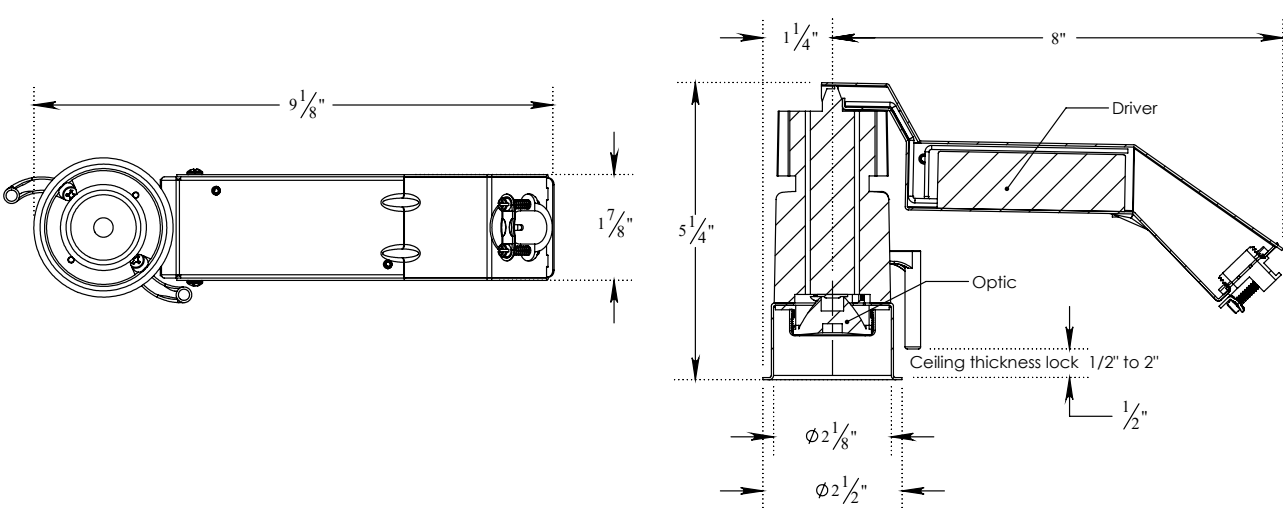


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NEW CONSTRUCTION FRAME (WITH BAR HANGERS)	NEW CONSTRUCTION FRAME (W/O BAR HANGERS)
<p>EPD-2-FR-BP30</p>  <p>min. 15" max. 32" A</p> <p>5 1/4" 2 5/8" 7 1/4" 8 1/4"</p> <p>3 1/8"</p> <p>Ceiling cut dimension $\phi 2 \frac{1}{4}"$ 1/2" Ceiling thickness</p>	<p>EPD-2-FR</p>  <p>6 1/4" 3 1/8" 5 1/4" 5 1/2"</p> <p>2 5/8"</p> <p>1 1/8" 1/2" Ceiling thickness</p> <p>Ceiling cut dimension $\phi 2 \frac{1}{4}"$</p>
<p>EPD-R2</p>  <p>9 1/8" 1 7/8"</p> <p>1 1/4" 8" Driver</p> <p>5 1/4" Optic</p> <p>Ceiling thickness lock 1/2" to 2"</p> <p>1/2"</p> <p>$\phi 2 \frac{1}{8}"$ $\phi 2 \frac{1}{2}"$</p>	



