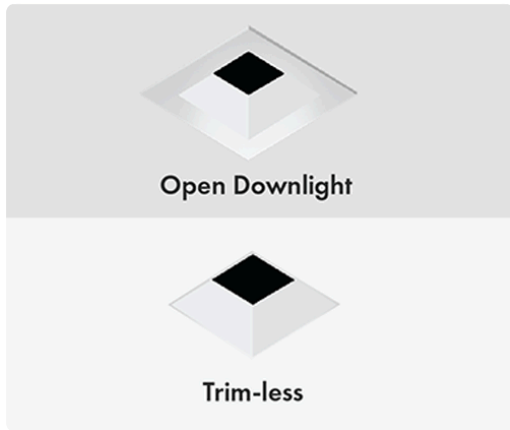


4"

Architectural LED Downlight

EPD-4SQ-SHAL-RGBW

Edison Series



Application

This cutting-edge, high-efficiency round architectural downlight with a shallow plenum design is versatile and well-suited for a range of applications. It excels in environments requiring minimal housing depth, making it an ideal choice for

- Commercial elevator lobbies
- Hospitality settings
- Upscale residential areas
- Retail establishments

Features

- Cutting-edge, high-efficiency round architectural downlight
- Shallow plenum design, perfect for environments with minimal housing depth
- Maximizes functionality and provides gentle, anti-glare lighting
- Offers various distribution options and lumen packages

Nominal Lumens	Delivered Lumens	Wattage
900L	884	12

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

Lumens	Tunable White: 900, 1200, 2000 RGB + White: 1100
CCT & Dynamic Platforms	Tunable White: 50K-27K, 65K-27K RGB + White: LENGN-65K-18K
CRI	90+
Color Quality	2 Step MacAdam Ellipse
Distributions	WD (Wide 60°)
Trim Options	Downlight, Trim-less
Reflector Colors	W (White), RAL (Custom)
Flange Colors	WH (Self-Flanged White), RAL (Custom)
Dimming	Tunable White: DIM10, ELDODALI.1, ELDODMX.1, LUT-PSQ02U, BLE-CASAMBI RGB + White: ELDODMX.1
Emergency	Tunable White: EMG-LED-10W, EMG-LED-20W, INTG-EMG-LED-10W, INTG-EMG-LED-20W, EMG-LED-G2-10W-SDT RGB + White: PELI-S-20, PELI-S-100, PELI-S-250, PELI-S-400
Lifetime	L70 at 102,000 Hours
Photometric Tests	In Accordance with IES LM79-08, LM80 and TM-30, TM-21



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PART NUMBER: **EPD-4SQ-SHAL-TWH-50K-27K-900L-90-WD-DIM10-120V**

Series	Technology	Lumen:	CRI	Optics	Driver	Voltage	Emergency	Option	Accessories
EPD-4SQ-SHAL-TW <small>(Tunable White)</small>	50K-27K 65K-27K	900L 1200L 2000L	90+	WD <small>Wide (60°)</small>	DIM10 ELDODALI.1 ELDODMX.1 LUT-PSQ02U BLE-CASAME	120V 277V MVOLT	- EMG-LED-10W EMG-LED-20W INTG-EMG-LED-10W INTG-EMG-LED-20W EMG-LED-G2-10W-SDT	- CP USA	- EC-WC-TWH-HW-MVOLT <small>Dual-channel touch screen wall controller with tunable white technology, supporting 0-10V dimming.</small>

1 For DIM10 driver you must dedicate two control inputs, one for the Dimming Control and another for CCT Tuning
2 Lutron is the T-Series 2-Channel Tunable White EcoSystem

PART NUMBER: **EPD-4SQ-SHAL-RGBW-LENGN-65K-18K-1100L-90-WD-ELDODMX.1-120V**

Series	Technology	Lumens	CRI	Optics	Driver	Voltage	Emergency	Options
EPD-4SQ-SHAL-RGBW <small>(RGB + White)</small>	LENGN-65K-18K	1100L	90+	WD <small>Wide (60°)</small>	ELDODMX.1	120V 277V MVOLT	- PELI-S-20 PELI-S-100 PELI-S-250 PELI-S-400	- CP USA









Note: All extra optical accessories, aperture assemblies, and optics can be ordered separately. Check EPL Website for ordering nomenclature.

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REFLECTOR TYPE	MOUNTING	FINISH	
 <p>EPD-4SQ-142 Open Downlight</p>	 <p>Square Flanged</p>	 <p>WH-WH White</p>	 <p>RAL Custom Color</p>
 <p>EPD-4SQ-TL-142 Open Downlight</p>	 <p>Square Trimless</p>	 <p>WH White</p>	 <p>RAL Custom Color</p>

4"

Architectural LED Downlight

EPD-4SQ-SHAL-RGBW

Edison Series

Modifications Available

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

Housing / Mounting

16-gauge steel, preassembled one-piece construction with integral 27" C-channel mounting brackets included. Mounting brackets may be adjusted up to 28" horizontally, and 2-3/4" vertically, and locking into place.

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

120/277V 50/60Hz; 347V available. THD < 20%; power factor >.09. Thermally protected. Removal of the reflector provides complete accessibility to the junction box, driver and internal components from above and below the ceiling through the aperture.

Tunable White Option

Tunable White allows the luminaires to be color tuned via various controls. Create the perfect environment for the desired use of the space or mimic the natural color patterns throughout the day and stimulate circadian rhythm. Available in tuning range of 50K-27K (TWH-50K-27K), 65K-27K (TWH-65K-27K) , 65K-18K (TWH-LENGN-65K-18K).

RGB + White Option

Refine your space with Mood Master (RGBW & TW), which provides complete control over hue, color temperature, saturation, and dimming for design versatility. RGB + White technology has a white color tuning range from 6500K to 1650K. RGB color range derived from the primary colors red, green and blue is used to create infinite color options in the RGB palette, adding colors together in varying amounts to create new ones. RGB Tunable White technology enables users to adjust the color temperature, adding gradients of saturated colors. No longer restricted to white light LEDs, lighting designers and architects can manipulate a space with desired hues and shades, altering the color temperature of the room, creating the perfect environment. The use of RGB Tunable White technology in allows infinite possibilities for any application

Dimming & Driver Information

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

ELDODALI.1 - EldoLED SoloDrive DALI-2. Dimming down to 0.1%

ELDODMX.1 - EldoLED PowerDrive dimming down to 0.1%. Please see EldoLED website for wiring diagrams and a list of compatible DMX and DALI control systems.

LUT-PSQ02U - Lutron dual channel T-Series LED Drivers

BLE-CASAMBI - Luminaires may be controlled, grouped, scheduled or placed in scenes , and or zones Via Cassambi Bluetooth 4.0 App.



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