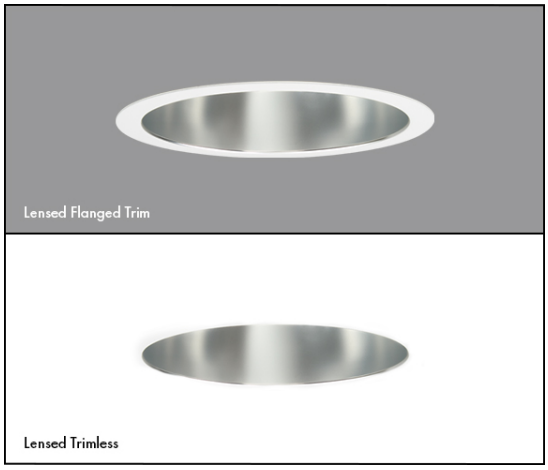
6"

Architectural LED Downlight - Retrofit

EPD-J6-RGBW

Edison Series



Application

A complete family of downlights, accent lights, wallwashers, double wallwashers, and corner wallwashers in multiple beam spreads and apertures designed for commercial, civic, museums, corporate, hospitality, academic, retail, medical, and houses of worship.

Features

- Exceptional Optical Quality: Up to 98 CRI, 1×2 Step MacAdam Ellipse.
- Shipped standard with a Solite Beam Smoother lens that removes striations from the light source.
- Availble with a multitude of dimming protocols and control offerings.

Lumens	1100, 2000
CCT & Dynamic Platforms	Tunable White: 50K 27K or 65K 27K RGB+W: 65K 18K
CRI	90+ Standard
Color Quality	2 Step MacAdam Ellipse
Distributions	NSPD (15°), SPD (24°), ND (30°), MD (36°), MWD (52°), WD (60°), VWD (70°)
Trim Options	Downlight, Wall Wash, Double Wall Wash, Corner Wall Wash, Wet Location
Reflector Colors	CL (Semi Specular Chrome), SHZ (Low Iridescent Satin Haze), WT (Wheat), W (White), BK (Black), BZ (Bronze)
Flange Colors	TL (Trimless), WH (Self Flanged White), SCH (Self Flanged Semi Specular Chrome), SHZ (Self Flanged Low Iridescent Satin Haze), BK (Self Flanged Black), BZ (Self Flanged Bronze)
Emergency	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-J6-TWH-50K-27K-900L-90-NSPD-DIM10-MVOLT**

Series	Technology	Lumens	CRI	Optics	Drivers	Voltage	Emergency	Options	Accessories
EPD-J6 (Tunable White)	**TWH-50K-27K**	**900L**	**90+**	**NSPD**	**DIM10** 1	**MVOLT**	-	-	-
	TWH-65K-27K	**1200L**		**SPD**	**ELDODALI.1**		**EMG-LED-10W**	**USA**	**EC-WC-TWH-HW-MVOLT**
		1500L		**ND**	**ELDODMX.1**		**EMG-LED-20W**		
		2000L		**MD**	**LUT-PSQ02U** 2		**INTG-EMG-LED-10W**		
		3000L		**MWD**	**BLE-CASAMBI**		**INTG-EMG-LED-20W**		
		4000L		**WD**			**EMG-SDT-LED-10W**		
				VWD					

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-J6-RGBW-LENGN-65K-18K-1100L-90-NSPD-ELDODMX.1-120V**

Series	Technology	Lumens	CRI	Optics	Drivers	Voltage	Emergency	Options
EPD-J6 (RGB + White)	**RGBW-LENGN-65K-18K**	**1100L**	**90+**	**NSPD**	**ELDODMX.1**	**120V**	-	-
		2000L		**SPD**		**277V**	**PELI-S-20**	**USA**
				ND			**PELI-S-100**	
				MD			**PELI-S-250**	
				MWD			**PELI-S-400**	
				WD				
				VWD				

ORDER GUIDE | REFLECTOR TYPE | MOUNTING | COLOR

REFLECTOR TYPE

Open Downlight EPD-6-601

Wall Wash EPD-6-607

Double Wall Wash EPD-6-677

Corner Wall Wash ?

Open Downlight EPD-6-TL-601

Wall Wash EPD-6-TL-607

MOUNTING

Flanged

Trimless

COLOR

ANODIZED FLANGED

Clear White CL-WH

Clear Bronze CL-BZ

Black White BK-WH

Satin Haze SHZ-SHZ

Wheat WT-WT

Clear Semi-Spec CL-SCH

Satin Haze White SHZ-WH

Black BK-BK

Satin Haze Black SHZ-BK

Clear Black CL-BK

White WH-WH

Bronze BZ-BZ

Wheat White WT-WH

ANODIZED TRIMLESS

White WH

Black BK

Clear CL

Satin Haze SHZ

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

Downlight
Our signature anodized reflector, spun to a reverse parabola design, achieves a 50° shielding angle and a 40° cut-off, which eliminates inter-reflections, and enhances low aperture brightness

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.

Double Wall Wash
Used in a corridor to wash both walls, providing both horizontal and vertical illumination that fully illuminates corridors and hallways.

Corner Wall Wash
Replacing the effect that two luminaires provide, a corner wallwasher kicks light across corners that run perpendicular to one another, ultimately providing a 210° wash of light fully covering conjoined walls and surfaces.

Optical Performance and Trim
Spun aluminum anodized single piece reflector. The optical system consists of 1) an upper reflector for a precise beam spread; 2) a solite soft focus lens to diffuse the light source for smooth, striation-free distribution; 3) and a patented lens to control the beam angle and provide a 40° visual cutoff. Available in a variety of beam angles. Integral heatsink comes preinstalled on the housing for maximum heat dissipation and locks together with the reflector to prevent zero light leakage for above the ceiling.

Fully Servicable - Easy Installation & Upgrading
Retrofit type housing is designed for easy installation into an existing incandescent, CFL, Metal-Halide or older generation LED downlight mounting frames, converting the luminaire into an energy efficient LED downlight and meeting more stringent energy codes. Flex is designed to attach into the existing junction box, with additional brackets available for up to a 2-1/2" ceiling thickness. A variety of customomizations are availbe per request.

Trim Design
Luminaire is designed for installation in sheetrock or T-Bar ceilings to achieve a flush trim detail

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 availble (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.

Driver
RGB+White platform with tuning range of 6500K to 1650K , Saturation and Hue Gradients of color can be added in increments of 1% to fully saturated colors at 100% enabling gamut access to pastels and saturated colors (RGBW- 65K-16K). Control via, DMX-512/RDM.

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 tunning range of 50K-27K (TWH-50K-27K), 65K-27K (TWH-65K-27K) , 65K-18K (TWH-LENGN-65K-18K), or Lumenetix Araya 5 platform 80K-16K (TWH-LTX-80K-16K).

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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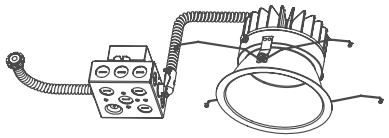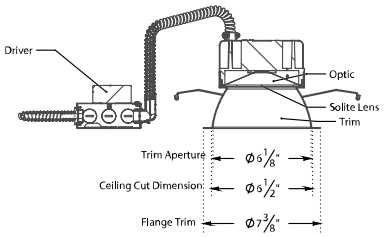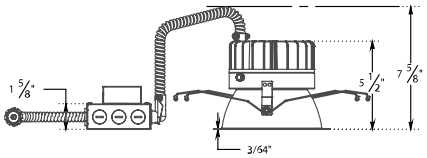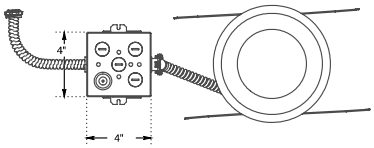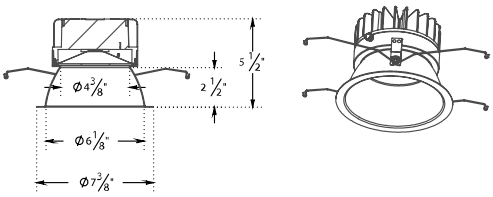
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