6"

EPD-6ADJ-RGBW

Architectural LED Downlight - Adjustable/Wall Wash

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.

Nominal Lumens	Delivered Lumens	Wattage
900L	861	12
1200L	1101	16
1500L	1485	20
2000L	1950	27
Based on 4000K, 90+ CRI with semi-specular chrome reflector. Actual wattage may vary +/-5%		

Lumens	**Tunable White**: 900, 1200, 1500, 2000, 3000, 4000 **RGB + White**: 1100, 2000
CCT & Dynamic Platforms	**Tunable White**: 27K-50K, 27K-65K **RGB + White**: 18K-65K
CRI	90+
Color Quality	2 Step MacAdam Ellipse
Distributions	NSPD (Narrow Spot 15°), SPD (Spot 24°), ND (Narrow 30°), MD (Medium 36°), MWD (Medium Wide 52°), WD (Wide 60°), VWD (Very Wide 70°)
Trim Options	Adjustable
Reflector Colors	CL (Semi-Specular Chrome), SHZ (Low Iridescent Satin Haze), WT (Wheat), W (White), MB (Black), BZ (Bronze)
Flange Colors	Self-Flanged WH (White), SCH (Semi-Specular Chrome), SHZ (Low Iridescent Satin Haze), BK (Black), BZ (Bronze)
Dimming	**Tunable White**: DIM10, DMX-512, DMX-RDM, DALI, BLE, LUTH **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-6ADJ-TWH-27K-50K-900L-90-NSPD-DIM10-MVOLT**

Series	Technolog	Lumen	CRI	Optics	Driver	Voltage	Emergency	Option	Accessories
EPD-6ADJ-TW (Tunable White)	**27K-50K** **27K-65K**	**900L** **1200** **1500** **2000** **3000** **4000**	**90+**	**NSPD** Narrow Spot (15°) **SPD** Spot (24°) **ND** Narrow (30°) **MD** Medium (36°) **MWD** Medium Wide (52°) **WD** Wide (60°) **VWD** Very Wide (70°)	**DIM101** **DMX-512** **DMX-RDM** **DALI** **BLE** **LUTH**	**MVOLT**	- **EMG-LED-10W** **EMG-LED-20W** **INTG-EMG-LED-10W** **INTG-EMG-LED-20W** **EMG-LED-G2-10W-SI**	- **USA**	- **EC-WC-TWH-HW-MVOLT** Dual-channel touch screen wall controller with tunable white technology, supporting 0-10V dimming.

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-6ADJ-RGBW-18K-65K-1100L-90-NSPD-ELDODMX.1-120V**

Series	Technology	Lumens	CRI	Optics	Driver	Voltage	Emergency	Options
EPD-6ADJ-RGBW (RGB + White)	**18K-65K**	**1100L** **2000L**	**90+**	**NSPD** Narrow Spot (15°) **SPD** Spot (24°) **ND** Narrow (30°) **MD** Medium (36°) **MWD** Medium Wide (52°) **WD** Wide (60°) **VWD** Very Wide (70°)	**ELDODMX.1**	**120V** **277V**	- **PELI-S-20** **PELI-S-100** **PELI-S-250** **PELI-S-400**	- **USA**

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

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ORDER GUIDE

REFLECTOR TYPE	MOUNTING	COLOR

REFLECTOR TYPE

Accent Adjustable
EPD-6ADJ-HL-655

MOUNTING

Flanged

COLOR

ANODIZED FLANGED

Clear White **CL-WH**	Satin Haze White **SHZ-WH**	Black **BK-BK**
Clear Semi-Spec **CL-SCH**	White **W-WH**	Satin Haze **SHZ-SHZ**
Bronze **BZ-BZ**	Black White **BK-WH**	

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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

Adjustable
Has full adjustable aiming capability, allowing the double gimbal mechanism to rotate 360o, pivot 90 o, and lock into place at any desired position.

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
Housing IC rated and can be in direct contact to insulation. Housing maybe installed in ceilings of up to 1-1/2 inch thickness without the use of aditional collars. Torsion springs on EPCh side of the reflector hold snug to the ceiling, and allows for fast, easy installation into housing, and fast removal for easy access to the junction box from below the ceiling.

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

- Trimless option has a perforated face. Installation includes the application of drywall compound over the luminaire's integral spackle screen to the rim of its integral plaster ring.

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 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.

Drivers
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 27K-50K (TWH-27K-50K) and 27K-65K (TWH-27K-65K).

RGB + White Option
Refine your space with RGB+W, which provides complete control over hue, color temperature, saturation, and dimming for design versatility. RGB + White technology has a color tuning range from 1800K to 6500K. 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 + 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
DMX-512 - EldoLED PowerDrive dimming down to 0.1%. Please see EldoLED website for wiring diagrams and a list of compatible DMX and DALI control systems.
DMX-RDM - EldoLED PowerDrive dimming down to 0.1%. Please see EldoLED website for wiring diagrams and a list of compatible DMX and DALI control systems.
DALI - EldoLED SoloDrive DALI-2. Dimming down to 0.1%
BLE - Bluetooth Casambi enabled controllable
LUTH - Lutron LDE1 Hi-Lume Eco System with Soft Fade to Black 1% dimming
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.

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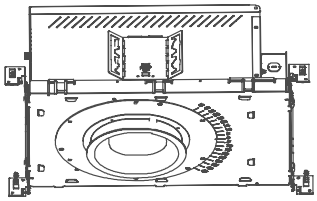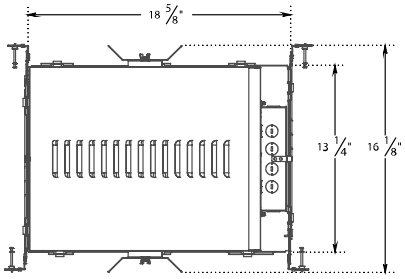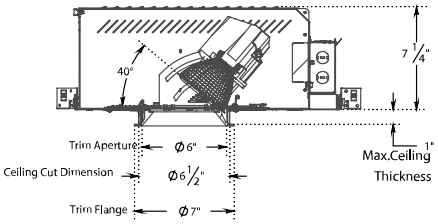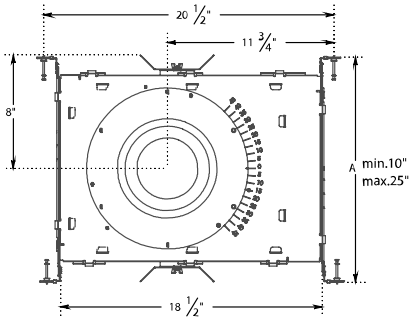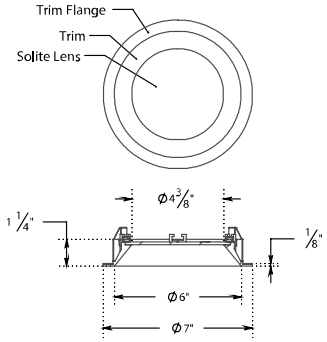
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