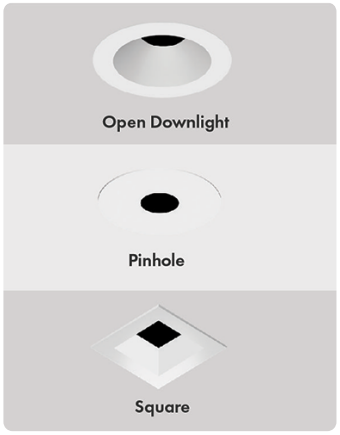
3"

Architectural LED Downlight

EPD-3-SHAL-IC-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.

Nominal Lumens	Delivered Lumens	Wattage
900L	861	12
1200L	1127	16
Based on 4000K, 90+ CRI with semi-specular chrome reflector. Actual wattage may vary +/-5%		

Lumens	**Tunable White**: 700, 900, 1200 **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	SPD (Spot 24°), ND (Narrow 30°), MD (Medium 36°), MWD (Medium Wide 52°), WD (Wide 60°)
Trim Options	Downlight, Lensed Downlight,Adjustable, Lensed Wall Wash, Slot, Pinhole, Self Flanged, Trm-less, Square
Reflector Colors	CL (Semi-Specular Chrome), SHZ (Low Iridescent Satin Haze), W (White), BK (Black)
Flange Colors	WH (Self-Flanged White)
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-3-SHAL-IC-TWH-50K-27K-700L-90-SPD-DIM10-120V**

Series	Technolog	Lumens	CRI	Optics	Driver	Voltage	Emergency	Option	Accessories
EPD-3-SHAL-IC-TW (Tunable White)	**50K-27K** **65K-27K**	**700L** **900L** **1200l**	**90+**	**SPD** Spot (24°) **ND** Narrow (30°) **MD** Medium (36°) **MWD** Medium Wide (52°) **WD** Wide (60°)	**DIM10**1 **DMX-512** **DMX-RDM** **DALI** **BLE** **LUTH**	**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** 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-3-SHAL-IC-RGBW-LENGN-65K-18K-1100L-90-SPD-ELDODMX.1-120V**

Series	Technology	Lumens	CRI	Optics	Driver	Voltage	Emergency	Options
EPD-3-SHAL-IC-RGBW (RGB + White)	**LENGN-65K-18K**	**1100L**	**90+**	**SPD** Spot (24°) **ND** Narrow (30°) **MD** Medium (36°) **MWD** Medium Wide (52°) **WD** Wide (60°)	**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
EPD-3-132 Open Downlight **EPD-3-138** Lensed Downlight WET LOCATION **EPD-3-134** Pinhole Downlight	**Round Flanged**	**WH-WH** White **BK-WH** Black **CL-WH** Clear Semi-Spec **SHZ-WH** Sarin Haze
EPD-3SQ-132 Open Downlight **EPD-3SQ-138** Lensed Downlight WET LOCATION **EPD-3SQ-134** Pinhole Downlight	**Square Flanged**	**WH-WH** White **BK-WH** Black **CL-WH** Clear Semi-Spec **SHZ-WH** Sarin Haze

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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 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
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.

Listings
- Thermally protected, IC rated up to 1500 lumens, not suitable for use with spray foam insulation
- c-UL-us - Listed for Feed Through Wiring.
- cULus Certified to UL 1598 / C22.2 suitable for Damp/Dry locations, indoor use only
- City of Chicago environmental air (CCEA) marking for plenum applications
- EMI/RFI emissions per FCC 47CFR Part 15 Class B
- RoHS - Contains no mercury or lead and RoHS compliant
- Photometric testing completed in accordance with IES LM-79. LM80 and TM-30 standards
- State of California Title 24 high efficacy LED compliance under JA8
- ENERGY STAR® certified with select trims and housings

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).

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
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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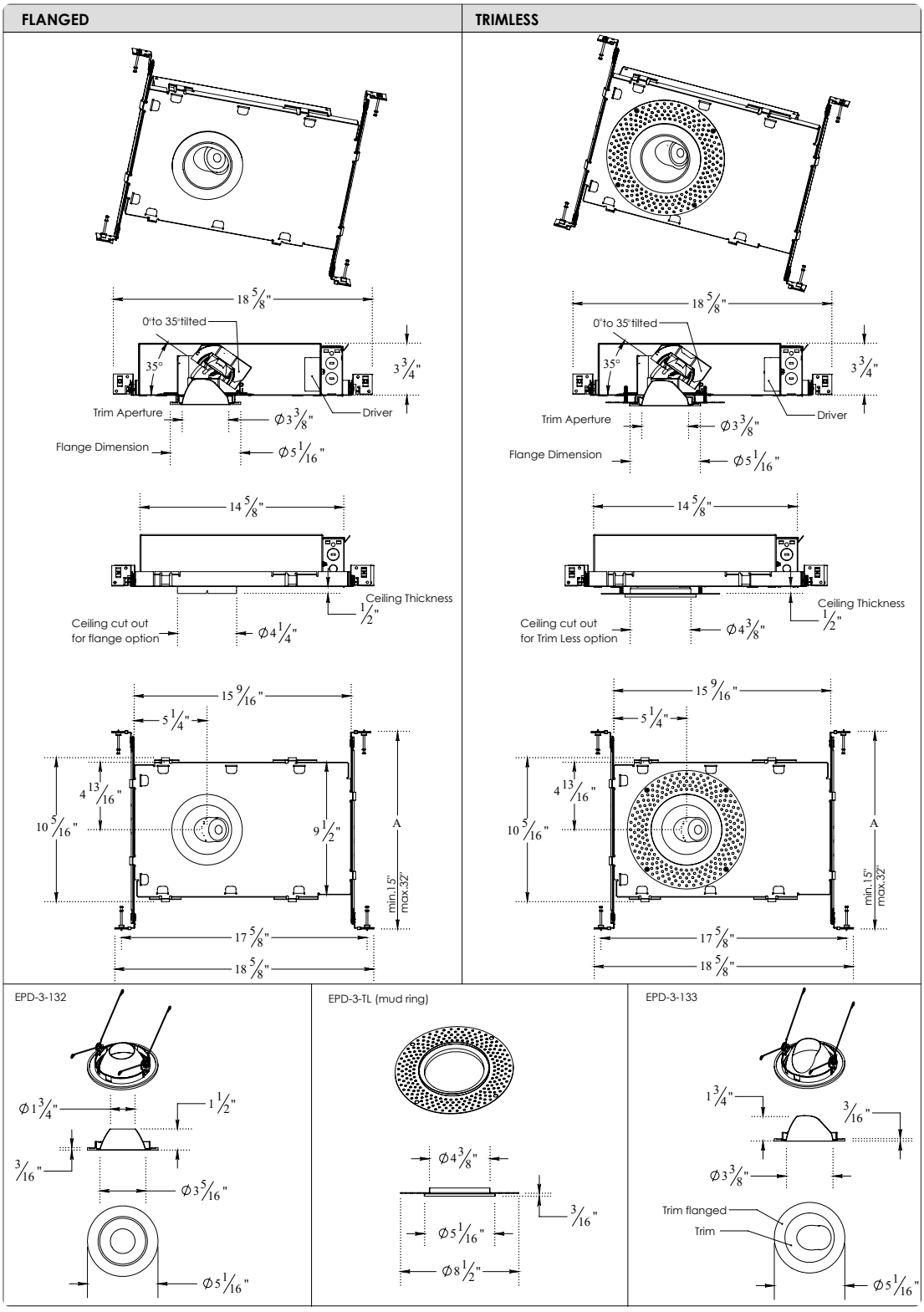
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