Open Downlight

Trim-less

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
1200L	1120	16
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	SPD (Spot 24°), ND (Narrow 30°), MD (Medium 36°), MWD (Medium Wide 52°), 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

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

Series	Technology	Lumens	CRI	Optics	Driver	Voltage	Emergency	Options	Accessories
EPD-4-SHAL-TW **(Tunable White)**	**50K-27K** **65K-27K**	**900L** **1200L** **2000L**	**90+**	**SPD** Spot (24°) **ND** Narrow (30°) **MD** Medium (36°) **MWD** Medium Wide (52°) **WD** Wide (60°)	**DIM10**[1] **ELDODALI.1** **ELDODMX.1** **LUT-PSQ02U** **BLE-CASAMB**	**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-4-SHAL-RGBW-LENGN-65K-18K-1100L-90-SPD-ELDODMX.1-120V**

Series	Technology	Lumens	CRI	Optics	Driver	Voltage	Emergency	Options
EPD-4-SHAL-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.

REFLECTOR TYPE	MOUNTING	FINISH	
EPD-4-142 Open Downlight	**Round Flanged**	**WH-WH** White	**RAL** Custom Color
EPD-4-TL-142 Open Downlight	**Round Trimless**	**WH** White	**RAL** Custom Color

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.

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

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.

FLANGED

TRIMLESS

$3\frac{1}{16}$"

4"

8"

$5\frac{1}{16}$"

A

$1\frac{3}{8}$"

min.15" max.35"

$12\frac{1}{8}$"

$14\frac{3}{4}$"

$15\frac{3}{4}$"

SR4-F-1428

Driver

$2\frac{1}{16}$" Height

Ceiling Cut out

$\emptyset 4\frac{7}{16}$"

$\frac{5}{8}$" Ceiling thickness

$3\frac{1}{16}$"

4"

8"

$5\frac{1}{16}$"

A

$1\frac{3}{8}$"

min.15" max.35"

$12\frac{1}{8}$"

$14\frac{3}{4}$"

$15\frac{3}{4}$"

SR4-TL-1428

Driver

$2\frac{1}{16}$" Height

Ceiling Cut out

$\emptyset 4\frac{7}{16}$"

$\frac{5}{8}$" Ceiling thickness

EPD-4-148

Lens

$\frac{1}{16}$"

$2\frac{1}{2}$"

$1\frac{1}{8}$"

Trim Aperture
$\emptyset 4\frac{3}{16}$"

Flanged Trim
$\emptyset 5\frac{3}{8}$"

$\emptyset 3\frac{3}{16}$"

EPD-4-TL-148

Lens

$2\frac{1}{2}$"

$1\frac{1}{8}$"

Trim Aperture
$\emptyset 4\frac{3}{16}$"

Flanged Trim
$\emptyset 4\frac{1}{2}$"

$\emptyset 3\frac{3}{16}$"