

# 4" SQUARE LED TRIMLESS DOWNLIGHT TUNABLE COLOR (HUE) LU SERIES / 1800 LUMENS MAX LED



## SDZO4LEDLU - TRIMLESS / NON-IC RATED

### APPLICATION

4" Square LU LED downlight with flangeless trim platform with Tunable color (HUE) LED system. System can be programmed for scenes or set for manual control. Adjusts to over 300,000 colors as well as 1600K-6000K white light.

### FEATURES

Two-stage optical system for smooth light distribution and focus control. Quick change LED module with interchangeable optics for job site adjustment and fixture maintenance. Shallow plenum design. Tool-less driver and j-box access. Posi-lock trim retention torsion springs. Integral 0.625" collar with deep ceiling option for up to 2" thick ceiling (PR).

### TRIM FINISH

A variety of architectural powdercoat colors are available. Plaster mesh fitter included.

### ELECTRONICS

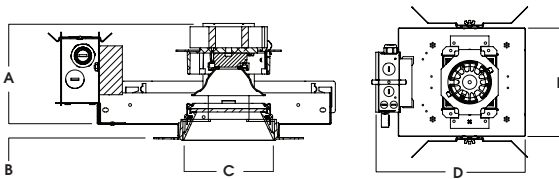
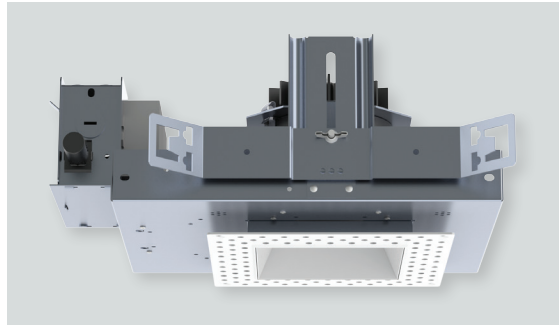
LED system features LED module with proprietary Tunable color (HUE) technology that provides consistent, stable color with CCT control of +/- 100K over life of the light engine. Base CRI is 90 with <2 MacAdam Ellipse binning. Variety of dimming controls (by Others).

### CONSTRUCTION

Housing/frame constructed of #20 ga. galvanized steel to resist corrosion. Flangeless one piece trim high purity aluminum and finished to specification.

### CODE COMPLIANCE

ARRA Compliant. Non-IC rated. ETL listed for damp locations. Optional Wet location. Manufactured and tested to UL standards No. 1598/8750.



A	B	C	D	E
6.1 154.9 mm	.625 15.2 mm	4.0 101.6 mm	14.7 373.4 mm	9.5 241.3 mm

WATTAGE TO LUMENS UPDATE			
CURRENT PART NUMBER EXAMPLE	PREVIOUS PART NUMBER EXAMPLE	SOURCE LUMENS <sup>1</sup>	SYSTEM WATTS
SDZO4LEDLU12L	SDZO4LEDLU11W	1250	20
SDZO4LEDLU14L	N/A	1400	25
SDZO4LEDLU16L	SDZO4LEDLU15W	1600	32
SDZO4LEDLU18L	SDZO4LEDLU20W	1800	32

RECESSED HOUSING SPECIFICATION						LED TRIM SPECIFICATION											
SERIES	LUMENS <sup>1</sup>	CCT / HUE	BEAM	CONTROL / VOLTAGE <sup>2</sup>		OPTIONS		TRIM / FINISH <sup>6</sup>		TRIM OPTIONS <sup>9</sup>							
SDZO4LEDLU	12L	1250 Lm	40CMX	40K-16K	ND 20°	DU <sup>3</sup>	1% 0-10V Dimming	1	120v	BH27 <sup>7</sup>	27" Flat Stock Hangers	SD4N <sup>7</sup>	MW <sup>8</sup>	Matte White	SOX <sup>10</sup>	Micro Prism Solite™ Lens	
	14L	1400 Lm	60CMX	60K-27K	MD 30°	DL3E <sup>3</sup>	ECO System Dimming	2	277v	H12	Expandable Bar Hangers, 12" - 24"	AC	Anodic Champagne	PGX	Prismatic Glass Lens		
	16L	1600 Lm			WD 40°	DMX <sup>3</sup>	DMX Control Dimming			H06	Expandable Bar Hangers, 6" - 12"	AS	Anodic Sapphire	GLX	Clear Glass Lens		
	18L	1800 Lm			XW 50°	BT <sup>3</sup>	Bluetooth Control Dimming			CB24	C-Channel Bars	PT	Platinum Silver	FGX	Frosted Glass Lens		
										EB	Black Housing	OB	Oil Rubbed Bronze			SOW	Micro Prism Solite™ Lens Wet Location
										PR <sup>8</sup>	Deep Ceiling Extension	CH	Charcoal			PGW	Prismatic Glass Lens Wet Location
										REMLU <sup>9</sup>	Remote Control	AS	Anodic Sapphire			GLW	Clear Glass Lens Wet Location
												AM	Anodic Malachite			FGW	Frosted Glass Lens Wet Location
												SN	Sun Gold				
												CO	Copper Metallic				
												GH	Graphite				
												AMB	Anti Microbial Finish				
												CC	Custom Color				

EXAMPLE: SDZO4LEDLU12L40CMXMDDMX1H12REMLU/SD4NMWSOX

### NOTES:

1 Nominal Source Lumens 2 Contact Factory for Additional Options 3 Refer to CMX Controls Page 4 Standard Bar Hangers 5 Contact Factory 6 Contact Factory for Special Finishes 7 "N" Indicates Flangeless Trim 8 Standard Finish 9 Consult Factory for Special Lenses/Louvers 10 Standard Lens

Dimensions shown are nominal. Spectrum Lighting is continually improving products and reserves the right to make changes that will not alter performance or appearance with or without written notice.



PROJECT:	TYPE:
CAT. NO.:	



# RECESSED CTM OPTIONS



**DU1 / DU2** - Fixture can be operated by the following 3 methods (Does Not Require DCA).

1. Use with REMLU option for wireless control of dimming and color tuning. (See Figure 3)
2. Use with 0-10V controller and REMLU option for dimming control and presetting color levels with REMLU. (See Figure 4)
3. Use with 0-10V controller, plus CCT controller & REMLU option for separate dimming control, separate color tuning control & presetting color levels with REMLU. (See Figure 5 & 5B)

**DL3E1 / DL3E2** - For control of dimming and color tuning with Eco System controller (Supplied by Lutron) Fixture supplied with DCA<sup>1</sup>. (See Figure 1)

**DMX1 / DMX2** - For control of dimming and color tuning with minimum 4 channel DMX controller (Supplied by Others) Fixture supplied with DCA<sup>1</sup>. (See Figure 2 & 2B)

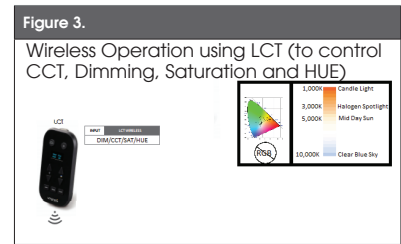
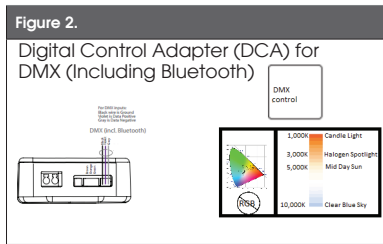
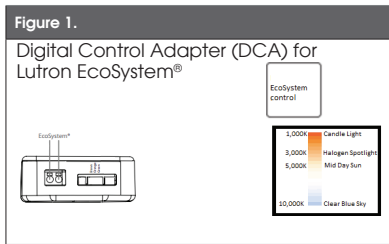
**BT1 / BT2** - For control of dimming and color tuning with Bluetooth app (IOS Only) (Download by Others) Fixture supplied with DCA<sup>1</sup>. (See Figure 2)

**REMLU** - is a remote wireless commissioning tool that allows complete control of fixture's Dimming, Color Saturation and Hue. Operates on Zigbee Platform @ 2.4GHz band. Maximum of 60 fixtures can be controlled with 5 separate present lighting scenes. Refer to installation instructions for wiring diagrams and operations.

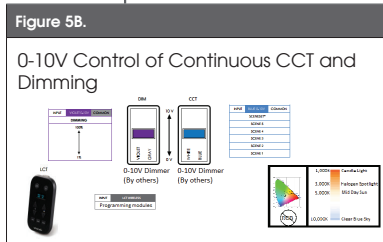
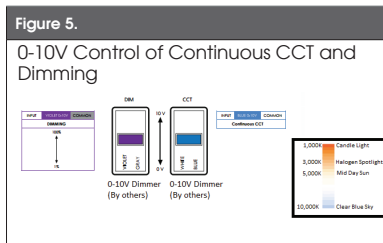
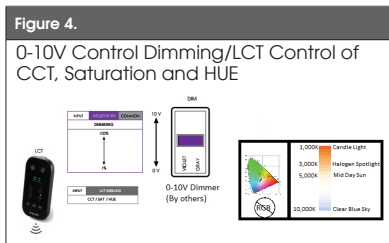
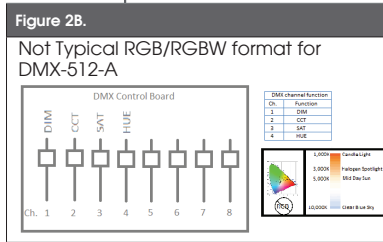
Consult Factory for additional questions and information.

**NOTES:**

<sup>1</sup> DCA - Is a digital Control adapter which enables fixtures powered by standard lighting protocols to be converted to a digital link.



\*\*Requires araya Tunable Color iOS APP



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