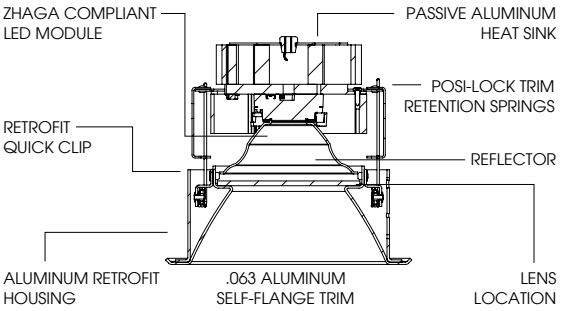
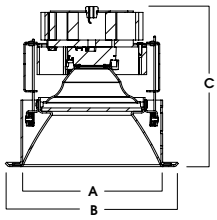
8" ROUND REMODEL DOWNLIGHT TUNABLE COLOR (HUE)

LU SERIES / 2000 LUMENS MAX

retrofits remodelights





FIT SIZE	
SERIES	8"
MINIMUM	7 3/4
MAXIMUM	8 7/16

A	B	C	D
8.0 203.2 mm	9.1 231.1 mm	6.8 172.7 mm	7.7 195.6 mm

SGRTE8LEDLU - TRIM FLANGE / NON-IC RATED

APPLICATION

8" Round LU LED downlight retrofit or remodel 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 1650K-8000K white light.

FEATURES

Remodel round downlight housing designed for install in finished "hard" ceiling or into existing precut hole. Quick mount remodel spring clips with mechanical lock down. Return edge to seat fixture in ceiling. Fixture will work in up to 1" thick ceiling[1]. 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.

TRIM FINISH

A variety of architectural powdercoat and anodized finishes are available. Matte White self-flange is standard.

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. Self-flanged one piece trim spun from 0.063" thick high purity aluminum and finished to specification.

CODE COMPLIANCE

BAA Compliant. Non-IC rated. ETL certified to meet US and Canadian standards. Suitable for dry or damp locations. Optional Wet location. Manufactured and tested to UL standards No. 1598/8750.

WATTAGE TO LUMENS UPDATE		
PART NUMBER	SOURCE LUMENS[2]	SYSTEM WATTS
SGRTE8LEDLU12L	1250	25
SGRTE8LEDLU15L	1500	32
SGRTE8LEDLU20L	2000	43

SERIES	LUMENS[2]		CCT / K		BEAM		CONTROL / VOLTAGE[3]				OPTIONS[6]	
SGRTE8LEDLU	12L	1250 Lm	80CMX	80K-16K	ND	20°	DU_[4]	1% 0-10V Dimming	1	120V	FS	Fusing
	15L	1500 Lm			MD	30°	DL3E_[4]	1%, Lutron® EcoSystem® Fade	2	277V	CR	Corrosion Resistant
	20L	2000 Lm			WD	40°	DMXS_[5]	DMX Standard Configuration			GR	Goof Ring
					XW	50°						

TRIM	FINISH		TRIM OPTIONS[9]	
AR8466LU	SG[7]	Semi-Diffuse	PF[10]	Polished Flange
	HZ	Haze Full Diffuse	SOX[11]	Micro Prism Solite™ Lens
	MW	Matte White	PGX	Prismatic Glass Lens
	MB	Matte Black	GLX	Clear Glass Lens
	PT	Platinum Silver	FGX	Frosted Glass Lens
	OB	Oil Rubbed Bronze		
	CH	Charcoal	SOW	Micro Prism Solite™ Lens
	AC	Anodic Champagne		Wet Location
	AS	Anodic Sapphire	PGW	Prismatic Glass Lens
	AM	Anodic Malachite		Wet Location
	SN	Sun Gold	GLW	Clear Glass Lens
	CO	Copper Metallic		Wet Location
	GH	Graphite	FGW	Frosted Glass Lens
	AMB	Anti Microbial Finish		Wet Location
	CC[8]	Custom Color		

EXAMPLE: SGRTE8LEDLU12L80CMXMDDU1/AR8466LUMWSOX

NOTES:
1 Consult Factory for Thicker Ceiling **2** Peak Source Lumens **3** Contact Factory for Additional Options **4** Refer to CMX Controls Page **5** Contact Factory **6** See Product Options Page For Details **7** Standard Finish **8** Contact Factory for Special Finishes **9** Consult Factory for Special Lenses/Louvers **10** Flange and Reflector Same Finish **11** Standard Lens

SPECTRUM LIGHTING INC.

PROJECT:

TYPE:

5 YEAR WARRANTY

MADE IN THE USA

Dimensions and values shown are nominal. Spectrum Lighting continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

8" ROUND REMODEL DOWNLIGHT
TUNABLE COLOR (HUE)
LU SERIES / CTM OPTIONS

retrofits remodelights

DU1 / DU2 - Fixture can be operated by the following 3 methods (Does Not Require DCA).
1. Use araya app. option for wireless control of dimming and color tuning. (See Figure 3)
2. Use with 0-10V controller and araya app. to control dimming and using color. (See Figure 4)
3. Use with (2) sets of 0-10V controllers and araya app. to activate sceneset feature or change CCT levoks. (See figure 5 &5B)

DL3E1 / DL3E2 - For control of dimming and color tuning with EcoSystem controller (Supplied by Lutron) Fixture supplied with DCA[1]. (See Figure 1)

DMX1 / DMX2 - For control of dimming and color tuning with minimum 4 channel DMX controller (Supplied by Others) Also can be programmed with araya app[1]. (See Figure 2 & 2B)

Consult Factory for additional questions and information.

NOTES:
1 Araya app. can be used to assign DMX addressed with Buetooth app. (IOS Only) (Download by Others)

Figure 1.
Digital Control Adapter (DCA) for Lutron EcoSystem®

Figure 2.
Digital Control Adapter (DCA) for DMX (Including Bluetooth)

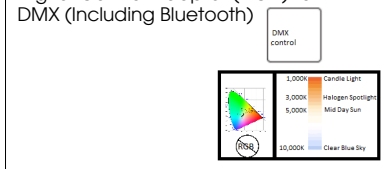


Figure 3.
Wireless Operation using LCT (to control CCT, Dimming, Saturation and HUE)

Figure 2B.
Not Typical RGB/RGBW format for DMX-512-A

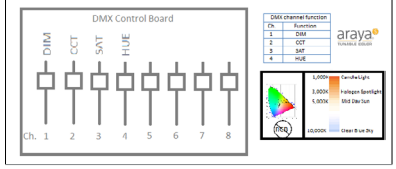


Figure 4.
0-10V Control Dimming/LCT Control of CCT, Saturation and HUE

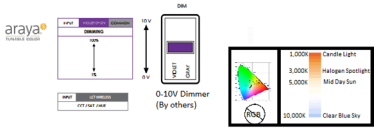


Figure 5.
0-10V Control of Continuous CCT and Dimming

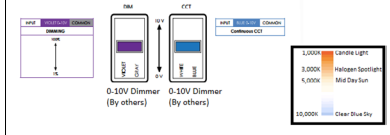
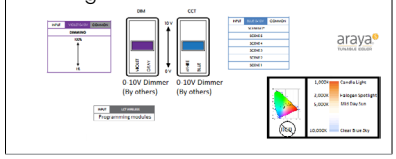


Figure 5B.
0-10V Control of Continuous CCT and Dimming



**Requires araya Tunable Color iOS APP