

**2.2" ROUND LED LIGHT ENGINES**  
LER SERIES



LER2.2  
2.2" Dia., 8W, 800lm (Shown)



**FEATURES:**

- Easy integration into new fixture construction (requires heatsink)
- Integral driver-on-board, connects directly to 120VAC
- High CRI available
- Suitable for center lockup and keyhole fixture pans
- Dimmable to 5% (with ELV/LED dimmers)
- UL Recognized for use in luminaires
- Tc Max = 90°C

**CONSTRUCTION:**

- Lumileds 3030 2D chips
- Metal core board
- Push in wire connector accepts up to 18ga conductors for easy field supply wire connections

**EQUIVALENCIES FOR 2.2"**

- 1x60W Incandescent
- 1x15W CFL

**APPLICATIONS:**

- Ceiling Light
- Flush Mount fixtures
- Pendant Fixtures

**WARNING:** RISK OF FIRE AND ELECTRICAL SHOCK. THIS PRODUCT IS TO BE INSTALLED AND SERVICED BY QUALIFIED PERSONNEL ONLY.

**CAUTION:** WHEN USING ELECTRICAL EQUIPMENT, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED. TO AVOID POSSIBLE ELECTRICAL SHOCK, BE SURE THAT POWER SUPPLY IS TURNED OFF BEFORE INSTALLING OR SERVICING THIS ENGINE. THIS ENGINE IS DESIGNED FOR USE IN THE MANUFACTURING OF NEW FIXTURES ONLY, IS NOT DESIGNED TO BE A RETROFIT SOLUTION, AND MUST BE INSTALLED IN AN APPLICATION WHERE MARKED TC POINT DOES NOT EXCEED MAXIMUM RATINGS. USE OF A METAL HEAT SINK IS RECOMMENDED. 120VAC COMPONENTS MUST NOT BE TOUCHED WHEN ENERGIZED.

**MODEL SELECTION** (Full list of order codes on pg. 2)

Typical order example: LER5.5A1727C

LER			
FAMILY	DIAMETER AND WATTAGE	CCT	CRI
LER= Round Light Engine	2.2A08= 2.2 Inch Diameter, 8W 2.2A12= 2.2 inch Diameter, 12W	30= 3000K	C= 90 CRI

**ACCESSORIES**

ORDER CODE	MODEL NUMBER	DESCRIPTION	ACCESSORY IMAGE
91494	LER2.2IB	Optional Isolation Barrier for 2.2" Engine	

**COMPATIBLE DIMMERS:**

MAKE	DIMMER MODEL
Lutron	DV-600P
Lutron	DVELV-300
Lutron	SELV-300
Leviton	IPL-06

**NOTE:**

1. Isolation barrier over the engines required for Safety listing. MaxLite accessories can be used, or other user-supplied cover, or fixture diffuser. If fixtured diffuser used, note that Safety listing will require tools for access to the engine compartment.

**SPECIFICATIONS:**

SPECIFICATIONS:		LER2.2A0830C	LER2.2A1230C
		DETAILS	
<b>GENERAL PERFORMANCE</b>	Lumens Delivered (lm)	670	930
	Efficacy (lm/W)	84	78
	CRI	90	90
	Power Consumption (W)	8	12
	Color Temperature	3000K	3000K
	Color Consistency	Proprietary binning for uniform color	
	L70 Lifetime (hours)	50,000 Hrs	
<b>ELECTRICAL</b>	Power Factor	0.980	
	Input Voltage	120V	
<b>PHYSICAL</b>	Operating Temperature	0° to 104°F	
	Maximum Surface Temp (Tc Max)	90°C	
<b>CERTIFICATION</b>	Certification	UL, FCC, LM-79, LM-80	
	Material Usage	RoHS compliant; no mercury	
	Environment	Damp Location	
	Warranty	5 years	

**ORDERING:**

ORDER CODE	ITEM #	DIAMETER	WATTAGE	CCT	CRI
77598	LER2.2A0830C	2.2 Inches	8W	3000K	90
96505	LER2.2A1230C	2.2 Inches	12W	3000K	90

**LIGHT ENGINE LINE DRAWINGS:**

