

## Features and Benefits

- Upgrades most fluorescent troffer and parabolic recessed in-lays to LED
- Tool-less lift and shift installation system from below the ceiling rests on T-bar grid system
- Provides up to 90% in energy savings allowing the lowest life cycle
- Proprietary one-piece fluted lens provides a contemporary upscale look with exceptional light distribution without pixilation for smooth, even luminance
- Aluminum frame, mitered and beveled in satin anodized finish for a contoured nested fit and architectural styling
- Excellent color rendering with CRI >80
- Lightweight aluminum housing for easy installation, corrosion resistance and superior thermal management
- Color consistency less than three McAdams Ellipse ensuring very little deviation
- Made in the USA of US and imported parts
- DLC listed except for 2700K option

## MECHANICAL

**Housing:** Design engineered to enable tool-less installation within a pre-existing troffer mounted in a 15/16" T-bar type grid system. Constructed of die-formed sheet aluminum and extruded aluminum alloy. Finish of housing is post-painted high reflectance textured white powder coat paint. Extruded aluminum frame is satin anodized. Heavy gauge die-formed steel hinge fabricated and mechanically fastened to frame.

**Lens/Diffuser:** Co-extruded acrylic with an opaque center section, fluted and 100% frosted DF. Optically designed to provide exceptional light distribution and is designed to provide luminous flux to walls, vertical surfaces and horizontal surfaces.

## ELECTRICAL

**LED Light Engine:** High efficacy, long-life LED modules provide excellent illumination both qualitatively and quantitatively. Rated to deliver L85 performance for >50,000 hours. Excellent color rendering with >80 CRI.

**LED Driver:** Available with a variety of dimming options. (See ordering key got details.)

## WARRANTY

10 year limited warranty on luminaire. Pass through warranties on components when used in accordance with manufacturing guidelines. See [www.lumenoptix.com](http://www.lumenoptix.com) for details.

## LER

### Recessed Lay-Ins LED Recessed Lay-In Retrofit 2x2, 2x4



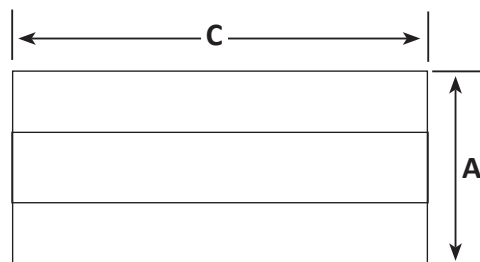
## TECHNICAL DATA

	2x2			2x4				
	2000	2700	3600	3200	4200	5100	6100	7400
NOMINAL WATTAGE	19	24	39	29	38	50	65	79
EFFICACY (LM/W)	106	113	93	111	111	95	95	95
CRI	>80	>80	>80	>80	>80	>80	>80	>80
COLOR CONSISTENCY	<3	<3	<3	<3	<3	<3	<3	<3
INPUT FREQUENCY	% Hz	% Hz	% Hz	% Hz	% Hz	% Hz	% Hz	% Hz
POWER FACTOR	>0.99	>0.99	>0.99	>0.99	>0.99	>0.99	>0.99	>0.99
LUMEN MAINTENANCE	<85	<85	<85	<85	<85	<85	<85	<85
THD	<10%	<10%	<10%	<10%	<10%	<10%	<10%	<10%

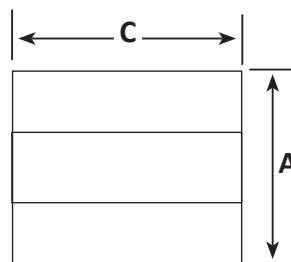
## LABELS & LISTINGS



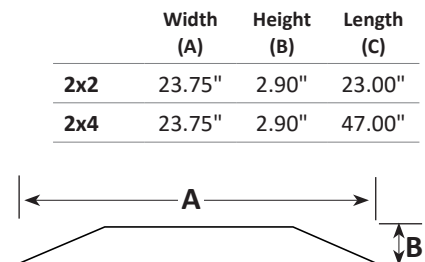
## DIMENSIONS & FIXTURE CONFIGURATIONS



2x4 TOP VIEW



2x2 TOP VIEW



END VIEW

	Width (A)	Height (B)	Length (C)
2x2	23.75"	2.90"	23.00"
2x4	23.75"	2.90"	47.00"

## MODEL NUMBER / ORDERING KEY

LER						
SERIES	SIZE	NOMINAL LUMENS		CRI & COLOR TEMP.	FRAME COLOR	DIMMING
LER LED Recessed Lay-In Retrofit	<b>22</b>			<b>8027</b> 2700K, 80CRI † <b>8030</b> 3000K, 80CRI <b>8035</b> 3500K, 80CRI <b>8040</b> 4000K, 80CRI <b>8050</b> 5000K, 80CRI	<b>(Blank or FX)</b> Clear Anodized <b>FW</b> White (Painted) <b>FB</b> Black (Painted) <i>For custom colors, consult factory.</i>	<b>(Blank or DUX)</b> Non dimming (120V-277V) <b>DU1</b> 0-10V dimming (120V-277V) <b>DU5</b> Lutron® 3 wire dimming (120V-277V) <b>DU6</b> Lutron® EcoSystem dimming (120V-277V) <b>D13</b> 2 wire leading edge dimming (120V)  <i>For other voltages and dimming options, consult factory.</i>
	2x2	<b>20</b> 2000 lumens	<b>30</b> 3200 lumens			
	<b>24</b>	<b>30</b> 2700 lumens	<b>40</b> 4200 lumens			
	2x4	<b>40</b> 3600 lumens	<b>50</b> 5100 lumens <b>70</b> 6100 lumens <b>80</b> 7400 lumens			
						† Not DLC listed

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OPTIONS <i>(Pre-installed when specified)</i>	
EMERGENCY LIGHTING	OTHER
<b>(Blank or EBXX)</b> No emergency battery back-up installed	<b>(Blank or SXX)</b> No option included
<b>EB02</b> Emergency battery back-up	<b>S02</b> Surge Protector

Product specifications subject to change without notice.  
For the most current spec sheet visit our website [www.lumenoptix.com](http://www.lumenoptix.com)