

## LDR® 3 Panel

### Applications

Retrofits existing 2' x 4' and 2' x 2' fluorescent troffers to LED in as little as 1 minute. Industry's first LED troffer retrofit contained within the door frame.



### Features

- Patented LDR® design.
- Aluminum frame.
- LDR fits most existing fluorescent troffer fixtures with either prismatic lens or parabolic louvers.
- Required mounting brackets adapt the LDR to fit nearly all existing troffers.
- Matte finish lens provides glare diffusion in the work environment.

### Certification & Listings

- Patented LDR® design.
- UL Classified.
- DesignLights Consortium™ qualified.
- Visit the DLC QPL for listed models.

### Electrical

120-277v. Hardwired fixture. Linear arrays.

### Patent Information

Orion is serious about intellectual property. This product may be covered by one or more patents. Patent information available at <http://www.orionlighting.com/about/patents/>

### Rated Life

125,000 hours per L70 TM-21

### Warranty

Orion LED fixtures are covered by a five-year limited warranty. Accessories and individual components are covered by separate OEM supplier warranties.

*Consulting Specifying Engineering*  
Product of the Year 2015



## LDR® 3 Panel

### Ordering Information Example (NOTE: No dashes or spaces unless noted below)

Series	Nominal Lumens	Array Type	Voltage	Driver Type	CRI; Color Temp	Fixture Size	No. of Panels	Lens Style	Lens Material	Bracket Type	Additional Options
LDR	040L	L	UNV	FDX	850	24	3P	FL	M	ST	-BB

### Ordering Information

Series	Nominal Lumens <sup>1</sup>	Array Type	Voltage	Driver Type	CRI; Color Temp	Fixture Size	No. of Panels	Lens Style	Lens Material	Bracket Type	Additional Options
<b>LDR=</b> LED Troffer Retrofit	<b>040L=</b> 4000 lm <b>050L=</b> 5000 lm	<b>L=</b> Linear	<b>UNV=</b> 120-277v	<b>FDX=</b> Full Dimming 0-10v	<b>840=</b> 80CRI, 4000K <b>850=</b> 80CRI, 5000K	<b>22=</b> 2x2 <b>24=</b> 2x4	<b>3P=</b> 3 Panel	<b>FL=</b> Flat	<b>M=</b> Matte	<b>ST=</b> Standard <b>PL=</b> Plenum <b>LF=</b> Lift	<b>-BB=</b> Battery Backup <sup>2,8</sup> <b>-DT=</b> Daintree Wireless <sup>3</sup> <b>-DD=</b> Dial Dimmer <sup>4</sup>

## Physical and Performance Information<sup>5</sup>

## LDR® 3 Panel

Series	Size	Lens Type	Input Voltage	Input Power	Input Current	Power Factor	Light Output	CCT	CRI	Length	Width <sup>6</sup>	Depth	Weight <sup>7</sup>
LDR040LL	24	3PFLM	120v	34w	0.283 A	≥0.90	3931 lm	4000K	≥80	46.75"	24.00"	3.00"	11 lbs.
LDR050LL	24	3PFLM	120v	46w	0.383 A	≥0.90	4949 lm	4000K	≥80	46.75"	24.00"	3.00"	11 lbs.
LDR040LL	22	3PFLM	120v	35w	0.291 A	≥0.90	3836 lm	4000K	≥80	22.75"	24.00"	3.00"	6 lbs.
LDR050LL	22	3PFLM	120v	46w	0.383 A	≥0.90	4729 lm	4000K	≥80	22.75"	24.00"	3.00"	6 lbs.

\*The information in this table provides physical and performance information for our 4000K models only.

### LDR Bracket Selections



**ST:** Standard brackets that support our LDR within the troffer



**PL:** Vented brackets to allow air flow between room and existing troffer



**LF:** Raises existing troffer pan to allow room for LDR to retrofit troffer

### Options – Factory Installed

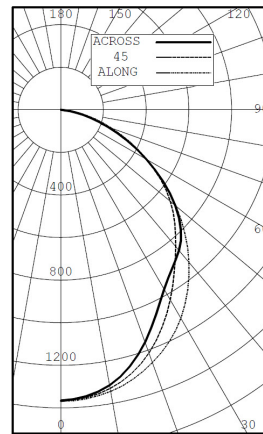


**-DD:** 0-10v Dimmer switch

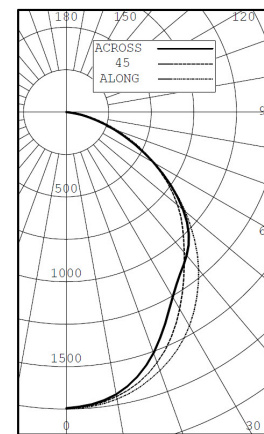
### Photometrics

Visit [orionlighting.com](http://orionlighting.com) for all .IES files

2x4 34w



2x4 46w



### Additional Specification Information

- <sup>1</sup> Actual lumens may vary
- <sup>2</sup> **BB** Battery Back-Up is factory installed
- <sup>3</sup> **DT** is a wireless control, factory installed. Control-scope integrated by Daintree
- <sup>4</sup> **DD** is a 0-10v Dimmer switch, field installed
- <sup>5</sup> Actual performance may vary by up to ±10% of values listed.
- <sup>6</sup> Width includes mounting brackets.
- <sup>7</sup> Weight does not include mounting brackets.
- <sup>8</sup> Multiply 10 watts by the lumens per watt [LPW] of the fixture to calculate lumen output in emergency mode