

## LDR: L-Series Contour

### Features and Specifications

#### Applications

Retrofits existing 2'x2' and 2'x4' fluorescent troffers to LED in as little as 1 minute. Industry's first LED troffer retrofit contained within the door frame.

#### Construction

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.

#### Certification & Listings

- UL Classified.
- DesignLights Consortium® qualified.
- Visit the DLC QPL for listed models.

#### Electrical

120-277v. Hardwired fixture. Linear arrays. LED drivers are available in various dimming formats.

#### Lens

Matte finish polycarbonate contour lens provides glare diffusion in the work environment.

#### Finish

Powder coated white.

#### Rated Life

125,000 hours L70 TM-21 @ 25°C.

#### Warranty

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



### Required Ordering Information

1	Select	<u>LDR</u>
Series		
LDR	LED Troffer Retrofit	

2	Select	----
Nominal Lumens		
035L	3,500 lm	
041L	4,100 lm	

3	Select	<u>L</u>
Array Type		
L	Linear	

4	Select	<u>UNV</u>
Voltage		
UNV	120-277v	

5	Select	---
Dimming (Hyperlinks lead to vendor data sheets)		
FDX	0-10v Full Dimming.	
<a href="#">FDH</a>	Lutron Hi-Lume Dim to 1%, Fade to Black.	
<a href="#">FD1</a>	Lutron Hi-Lume Dim to 1%.	
<a href="#">FD2</a>	Lutron Hi-Lume Dim to 1%, 2-wire, 120v.	
<a href="#">FD3</a>	Lutron Hi-Lume Dim to 1%, 3-wire, 122-277v.	
<a href="#">FD5</a>	Lutron 5-series, Dim to 5%.	

6	Select	---
CRI; Color Temperature		
850	80 CRI; 5000K	
840	80 CRI; 4000K	
835	80 CRI; 3500K	
830	80 CRI; 3000K	

7	Select	--
Fixture Size		
22	2'x2'	
24	2'x4'	

8	Select	<u>1P</u>
# of Panels		
1P	1 Panel	

9	Select	<u>CT</u>
Lens Style		
CT	Contour	

10	Select	<u>M</u>
Lens Material		
M	Matte	

11	Select	--
Bracket Type		
ST	Standard	
PL	Plenum	
LF	Lift	

12	Select	-----
Additional Options		
-BB	Battery Back-up*	
-DT	Daintree Wireless**	
-DD	Dial Dimmer	

PATENT | PENDING



## Physical and Performance Information<sup>1</sup>

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Series	Size	Lens Type	Input Voltage	Input Power	Input Current	Power Factor	Light Output	CCT	CRI	Length	Width <sup>2</sup>	Depth	Weight <sup>3</sup>
LDR035LL	24	1PCTM	120v	31W	0.258 A	≥0.90	3441 lm	4000K	≥80	46.75"	24.00"	3.125"	11 lbs.
LDR041LL	24	1PCTM	120v	39W	0.325 A	≥0.90	4059 lm	4000K	≥80	46.75"	24.00"	3.125"	11 lbs.
LDR035LL	22	1PCTM	120v	32w	0.266 A	≥0.90	3447 lm	4000K	≥80	22.75"	24.00"	3.125"	6 lbs.
LDR041LL	22	1PCTM	120v	39w	0.325 A	≥0.90	3987 lm	4000K	≥80	22.75"	24.00"	3.125"	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

- **-BB:** \*Battery Back-Up
- **-DT:** \*\*Wireless Controls (wireless control installed from factory, control-scope integrated by Daintree)
- **-DD:** 0-10v Dimmer switch



### Additional Specification Information

<sup>1</sup>Actual performance may vary by up to ±10% of values listed.

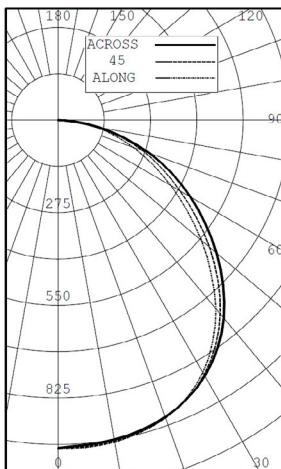
<sup>2</sup>Width includes mounting brackets.

<sup>3</sup>Weight does not include mounting brackets.

### Photometrics

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

2x2 32w



2x2 39w

