

## LDRES2

### Applications

Industry's first patented LED troffer retrofit contained within the door frame that installs in as little as a few minutes and with minimal disruption to the workplace. Retrofits existing 2' x 2' and 2' x 4' T8/T12 fluorescent troffers in applications including education, retail, commercial, and healthcare.



LDRES2A1UNVFDXX84024MST

### Features

- Installs in a few minutes
- Low environmental impact due to energy efficiency
- Multiple bracket options
- Title 24 compliant seismic cable kit option
- White painted steel body
- LDR® fits most existing fluorescent troffer fixtures with either prismatic lens or parabolic louvers
- Matte finish, acrylic contour lens diffuses glare in the work environment

### Electrical

- Available in 120v-277v
- Full Dimming (0-10v)

### Ambient Operating Range

See ambient operating table on page 2

### Fixture Certification & Listings

- UL Classified
- Patented LDR® design
- DesignLights Consortium® Premium Luminaire
- Visit the [DLC QPL](#) for listed models

### 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

L70 > 100,000 hours

For calculated L70 hours, please contact an Orion representative

### Warranty

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



## LDRES2

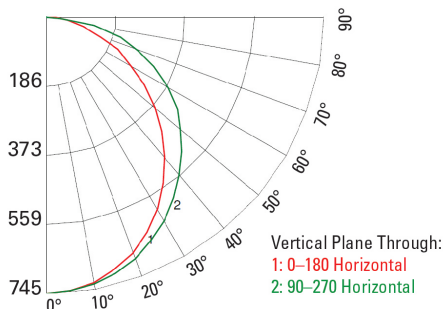
### Performance Information, 120v<sup>3</sup>

Series	Nominal Lumen Code	Actual Lumens	Wattage	LPW	CCT	CRI	Input Current	Power Factor
<b>2' x 2'</b>								
LDRES2	A1	2,133lm	15w	138	4000K	≥80	0.13A	>.90
LDRES2	C1	3,648lm	27w	135	4000K	≥80	0.23A	>.90
<b>2' x 4'</b>								
LDRES2	B1	3,313lm	25w	135	4000K	≥80	0.20A	>.90
LDRES2	D1	4,155lm	31w	133	4000K	≥80	0.26A	>.90

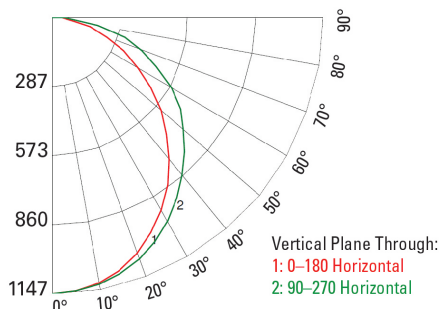
### Photometrics

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

#### A1 840 2' x 2'



#### B1 840 2' x 4'



### Ambient Operating Temperatures

Nominal Lumen Code	Standard Range
All Lumen Packages	0°C - 40°C [32°F - 104°F]

### Physical Information<sup>4</sup>

Length/Width	Depth	Fixture Size	Weight
The Orion LDR is designed to fit industry standard 2' x 2', and 2' x 4' T-Bar grid openings	3.13"	2' x 2'	6.30lbs.
	3.13"	2' x 4'	11.70lbs.

## LDRES2

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

Series	Nominal Lumen Code	Voltage	Driver Type	CRI; Color Temp	Fixture Size	Lens Options	Bracket Type	Packaging Options
LDRES2	A1	UNV	FDXX	840	22	M	ST	-SP

### Ordering Information

Series	Nominal Lumen Code <sup>1</sup>	Voltage	Driver Type <sup>2</sup>	CRI; Color Temp	Fixture Size	Lens Options	Bracket Type <sup>7</sup>	Packaging Options
<b>LDRES2=</b> HARRIS LED Troffer Retrofit LDRE S Series, Gen 2	<b>2' x 2'</b> <b>A1=</b> 2,000lm <b>C1=</b> 3,500lm  <b>2' x 4'</b> <b>B1=</b> 3,000lm <b>D1=</b> 4,000lm	<b>UNV=</b> 120v-277v	<b>FDXX=</b> Full Dimming 0-10v <sup>5</sup>	<b>835=</b> 80CRI; 3500K  <b>840=</b> 80CRI; 4000K  <b>850=</b> 80CRI; 5000K	<b>22=</b> 2' x 2'  <b>24=</b> 2' x 4'	<b>M=</b> Opaque Matte	<b>ST=</b> Standard	<b>-SP=</b> Single Pack

### Accessories (Field Installed)

Additional Fixture Accessories	
<b>LDRE-SCBL-2FT-KIT</b>	2' x 2' Fixture Seismic Cable
<b>LDRE-SCBL-4FT-KIT</b>	2' x 4' Fixture Seismic Cable
<b>LDRES-UNV-BB2-KIT</b>	2' x 2' Battery Back Up Field Install Kit
<b>LDRES-UNV-BB4-KIT</b>	2' x 4' Battery Back Up Field Install Kit
<b>LDR-LIFTBRKT-2FT-WH</b>	2' x 2' Lift Bracket Kit, White
<b>LDR-LIFTBRKT-4FT-WH</b>	2' x 4' Lift Bracket Kit, White
<b>LDR-PLENUMBRKT-2FT-WH</b>	2' x 2' Plenum Bracket Kit, White
<b>LDR-PLENUMBRKT-4FT-WH</b>	2' x 4' Plenum Bracket Kit, White



**Seismic Cable Kit  
(LDRE-SCBL-4FT-KIT)**



**Battery Back Up Kit  
(LDRES-UNV-BB4-KIT)**

### Additional Specification Information

<sup>1</sup> For actual lumens, see performance table

<sup>2</sup> "XX" is a character placeholder for the manufacturing configuration

<sup>3</sup> Actual performance may vary by up to ±10% of values listed; facility factors and fixture options can affect performance values

<sup>4</sup> Weight and depth will vary based on option selection, brackets are included with the weight

<sup>5</sup> **FDXX** 0-10v driver configurations are compatible with most third party control systems

<sup>6</sup> Multiply 10 watts by the lumens per watt (LPW) of the fixture to calculate lumen output in emergency mode

<sup>7</sup> Standard brackets ship inside box. Lift or Plenum brackets ship separate.