



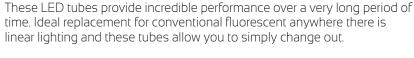
# BALLAST COMPATIBLE LED REPLACEMENT TUBES

120-277 Universal Voltage

p: 765-298-8030 f: 765-755-0044

www.solasray.com





This is truly a performance-based, energy efficient replacement tube with energy costs markedly lower than fluorescent. Key features include fewer lights needed as well as truly directional illumination that doesn't waste light projected back into the fixture – that's efficiency combined with immediate energy savings!







# INTENDED USE & APPLICATIONS

Anywhere Flourescent Tubes Are Used.

## **SPECIFICATION & FEATURES**

### CONSTRUCTION

- Shock & Vibration Resistant Aluminum Body.
- Clear or Frosted Plastic Lens.
- Solid State with Thermal Management.
- Self-Contained Driver Eliminates the Need for Ballast.

#### OPTICS

- Frosted Lens Standard.
- CRI>80
- 120° Viewing Angle is directed down without output waste.
- LED's arrayed along a linear heat sink provide directional output.

#### **ELECTRICAL**

- 120-277v
- Non-Dimming

### **INSTALLATION**

- Easy "Plug & Play" Installation
- Does Not Require Ballast Bypass.

#### WARRANTY

- Five Year Limited Warranty.

**NOTE:** Lumen output may vary relevant to color temperature (CCT).



PRODUCT SELECTION GUIDE Specifications and data are subject to change without no					to change without notice.	
FIXTURE NAME	CATALOG NUMBER	LUMENS	WATTAGE	LM/WATT	VOLTAGE	REPLACES
4' LED Tube	LLTB-418-35-F-U-BC	1850	18	103	120-277	4' Fluorescent Tube
4' LED Tube	LLTB-418-40-F-U-BC	1850	18	103	120-277	4' Fluorescent Tube
4' LED Tube	LLTB-418-50-F-U-BC	1850	18	103	120-277	4' Fluorescent Tube

Lumen iviaintenance					
LED's combined with high-efficiency					
drivers provide superior quality of					
illumination for extended service life.					
70% LED Lumen maintenance					
calculated at					

50,000 hours (L70/>50,000)

### ORDERING INFORMATION

LLTB			_ F		
Series	Type-Watts	Kelvin	Lens	Voltage	Feature
LLTB	□ 418- 4'-, 18w	□ 50-5000K	□ F-Frosted	□ U-120-277	□ BC-Ballast Compatible
		□ 40-4000K			

□ 35-3500K



# OTHER LED TUBE PRODUCTS AVAILABLE

## 120-277 Universal Voltage

## Integrated LED Tubes - 2' & 4' lengths





FIXTURE NAME

PRODUCT SELECTION GUIDE

2' Integrated LED Tube LLIT-209-35-F-U

2' Integrated LED Tube LLIT-209-40-F-U

2' Integrated LED Tube LLIT-209-50-F-U

4' Integrated LED Tube LLIT-418-35-F-U

4' Integrated LED Tube LLIT-418-40-F-U

4' Integrated LED Tube LLIT-418-50-F-U

**CATALOG NUMBER** 

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VOLTAGE	REPLACES	
120-277	2' T8 Fluorescent Tube	
120-277	2' T8 Fluorescent Tube	
120-277	2' T8 Fluorescent Tube	

Specifications and data a

LM/WATT

81

81

81

83

83

83

120-277

120-277

120-277

T8 & T12 Replacement LED Tubes - 2' & 4' lengths









4' T8 Fluorescent Tube

4' T8 Fluorescent Tube

4' T8 Fluorescent Tube

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PRODUCT SELECTION GUIDE Specifications and data are subject to change without notice.						
FIXTURE NAME	CATALOG NUMBER	LUMENS	WATTAGE	LM/WATT	VOLTAGE	REPLACES
2' LED Tube	LLTB-209-35-F-U	950	9	106	120-277	2' Fluorescent Tube
2' LED Tube	LLTB-209-40-F-U	950	9	106	120-277	2' Fluorescent Tube
2' LED Tube	LLTB-209-50-F-U	950	9	106	120-277	2' Fluorescent Tube
4' LED Tube	LLTB-418-35-F-U	1850	18	103	120-277	4' Fluorescent Tube
4' LED Tube	LLTB-418-40-F-U	1850	18	103	120-277	4' Fluorescent Tube
4' LED Tube	LLTB-418-50-F-U	1850	18	103	120-277	4' Fluorescent Tube
4' LED Tube	LLTB-422-40-F-U	2257	22	103	120-277	4' Fluorescent Tube

**LUMENS** 

1,080

1,080

1,080

2,060

2,060

2,060

WATTAGE

9

9

9

18

18

18



**Options** are factory installed unless otherwise specified in writing. **Accessories** are field installed. Consult factory regarding any known environmental contaminants that may affect the fixtures components such as airborn contaminents, sulfur, petroleum based products or cleaning solutions.



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