

BALLAST COMPATIBLE LED REPLACEMENT TUBES

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120-277 Universal Voltage

www.solasray.com



These LED tubes provide incredible performance over a very long period of time. Ideal replacement for conventional fluorescent anywhere there is linear lighting and these tubes allow you to simply change out.

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 Fluorescent 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 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 Maintenance
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		Lens		Voltage		Feature
LLTB		<input type="checkbox"/> 418- 4', 18w		<input type="checkbox"/> F-Frosted		<input type="checkbox"/> U-120-277		<input type="checkbox"/> BC-Ballast Compatible
		<input type="checkbox"/> 50-5000K						
		<input type="checkbox"/> 40-4000K						
		<input type="checkbox"/> 35-3500K						

OTHER LED TUBE PRODUCTS AVAILABLE

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Integrated LED Tubes - 2' & 4' lengths



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FIXTURE NAME	CATALOG NUMBER	LUMENS	WATTAGE	LM/WATT	VOLTAGE	REPLACES
2' Integrated LED Tube	LLIT-209-35-F-U	1,080	9	81	120-277	2' T8 Fluorescent Tube
2' Integrated LED Tube	LLIT-209-40-F-U	1,080	9	81	120-277	2' T8 Fluorescent Tube
2' Integrated LED Tube	LLIT-209-50-F-U	1,080	9	81	120-277	2' T8 Fluorescent Tube
4' Integrated LED Tube	LLIT-418-35-F-U	2,060	18	83	120-277	4' T8 Fluorescent Tube
4' Integrated LED Tube	LLIT-418-40-F-U	2,060	18	83	120-277	4' T8 Fluorescent Tube
4' Integrated LED Tube	LLIT-418-50-F-U	2,060	18	83	120-277	4' T8 Fluorescent Tube

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



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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

IMPORTANT:

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 airborne contaminants, sulfur, petroleum based products or cleaning solutions.



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