



Item#: **91489**
LED DIRECT WIRE LINEAR T8
INTERNAL DRIVER LAMP-STYLE RETROFIT KITS
(UL TYPE B)

FEATURES

Our T8 LED tube lamp provides exceptional LED lighting with reduced energy and maintenance costs. The linear LED does not use a fluorescent ballast to work; instead they feature a built-in universal line voltage driver, making it a top of the line replacement for standard fluorescent lamps.

SINGLE ENDED DIRECT WIRE

- No ballast required, lamp runs off main
- Exceptional efficacy

**Non-shunted sockets required, see install instructions for further details.*

ELECTRICAL

Wattage	18W
Voltage	120-277V
Current	205mA
Power Factor	0.9
Total Harmonic Distortion (THD)	20

LIGHTING PERFORMANCE

Lumens	2200
Lumens Per Watt (LPW)	122
Color Temperature (CCT)	4000K
Color Rendering (CRI)	82
R9 (Red Value)	--
Beam Angle	210°
Light Distribution	Type VS
BUG Rating (Backlight, Uplight, and Glare)	--
Dimmable Lighting Control	See Install Instructions

ENVIRONMENT

Operating Temperature	-4 ~ 113°F
Suitable Location	DAMP
Ingress Protection Rating	IP20
Suitable Fixture Type	Enclosed

LIFESPAN

Average Life (Hours)	50,000
Warranty (Years)	5

COMPONENTS

LED Light Source	Toyoda
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CONSTRUCTION

Housing	Glass / Plastic End Caps
Lens	Frosted
Base / Power Supply	G13 - Medium Bi Pin

QUALIFICATIONS



Visit www.designlights.org/search to confirm qualification. • Published lumens on LED products are approximate and may vary slightly. • Specifications are subject to change without notice.

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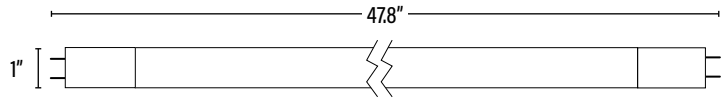
ITEM INFORMATION

DIMENSIONS (Inches)

Length (MOL)	47.8"
Width/Diameter (MOD)	1"
Weight (Lbs)	--

SUPPORTING DOCUMENTS (Grey = not available at this time.)

Product Sheet	VIEW
Install Instructions	VIEW
IES Download from Web Item	AVAILABLE
LM79	VIEW
LM80	VIEW



PACKAGING

		UPC	DIMENSIONS (LxWxH)	GROSS WEIGHT (Lbs)
Master Carton	25	--	48.8" x 5.9" x 5.9"	14.8
Individual Box	1	--	--	0.6
Country of Origin	China			
HS Tariff	--			

ORDERING

ITEM#	DESCRIPTION	CASE
91489	LED 4FT 18WT8/40K/TYPE B/SE - DLC®	25

ACCESSORIES

90405	LED 5W/90MIN. EMERGENCY BATTERY BACKUP FOR (1) T8 DIRECT WIRE LAMP 120/277V - T20C	25
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ADDITIONAL INFORMATION:

- PQL Direct-Wire (UL Type B) Lamps are designed for use with PQL LED-Ready fixtures (follow lamp wiring instructions). When using any alternate-brand fixture, please review the specific PQL lamp installation guide wiring requirements first, to make sure the fixture is compatible before lamp installation.