



Item#: **90407**  
**LED HYBRID LINEAR T8**  
 DUAL MODE INTERNAL DRIVER  
 (UL TYPE A AND TYPE B)

**FEATURES**

The LED T8 Linear Hybrid tubes provides exceptional lighting with reduced energy and maintenance costs. The hybrid tube works with or without a ballast, making it a top-of-the-line replacement for standard fluorescent lamps.

**PLUG & GO™ OR SINGLE / DOUBLE ENDED DIRECT WIRE**

Use with an instant start ballast as a direct replacement lamp or simple rewiring allows lamp to run directly off the main.

- Wide beam design
- Exceptional efficacy
- Tubes will work with shunted and non-shunted sockets  
 (See Additional Information on Page 2)

PERFORMANCE DATA

ELECTRICAL	LAMP	DLC® SYSTEM POWER
Wattage	15W	18W
Voltage	120-277V	
Current	130mA	
Power Factor	0.9	
Total Harmonic Distortion (THD)	20	

LIGHTING PERFORMANCE	
Lumens	2200
Lumens Per Watt (Lm/W)	147
Color Temperature (CCT)	4000K
Color Rendering (CRI)	82
R9 (Red Value)	5
R13 (Skin Tones)	83
Beam Angle	210°
Light Distribution	Type VS
BUG Rating (Backlight, Uplight, and Glare)	B1 - U1 - G1
Dimmable Lighting Control	

ENVIRONMENT		
Operating Temperature	-4 ~ 114°F	
Suitable Location	<b>DAMP</b>	
Ingress Protection Rating	IP20	
Suitable Fixture Type	Enclosed	
Suitable for Emergency Fixtures/Ballasts	Plug & Go™ (Type A)	No
	Direct Wire (Type B)	Item #: 90405

LIFESPAN	
Average Life (Hours)	50,000
Warranty (Years)	<b>5</b>

COMPONENTS	
LED Light Source	Toyoda 2835

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

QUALIFICATIONS	

Visit [www.designlights.org/search](http://www.designlights.org/search) to confirm qualification. • DLC lists the wattage of the system power. • Published lumens on LED products are approximate and may vary slightly. • Specifications are subject to change without notice.

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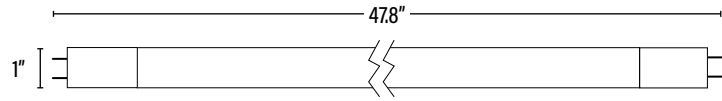
ITEM INFORMATION

**DIMENSIONS** (Inches)

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

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

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



**PACKAGING**

		UPC	DIMENSIONS (LxWxH)	GROSS WEIGHT (Lbs)
Master Carton	25	10811768027980	48.8" x 5.9" x 5.9"	14.4
Individual Box	1	811768027983	--	0.58
Country of Origin	China			
HS Tariff	8539.50.0050			

**ORDERING**

ITEM#	DESCRIPTION	CASE
90407	LED 4' 15WT8/40K/FR/SUPER HYBRID/V6 - SUPERIOR LIFE® CEE/DLC®	25

**ACCESSORIES** *Compatible in Direct Wire (Type B) Mode Only*

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

Family Item(s): 90408/5000K

- In direct wire application; shunted sockets use double ended wiring and non-shunted use single ended wiring. Please refer to install instructions for further details.
- 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.