PERFORMANCE DATA

Item#: **91508**
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*)

ELECTRICAL	LAMP	DLC® SYSTEM POWER
Wattage	12W	14W
Voltage	120-277V	
Current	180mA	
Power Factor	0.9	
Total Harmonic Distortion (THD)	20	

LIGHTING PERFORMANCE	
Lumens	1800
Lumens Per Watt (LPW)	129
Color Temperature (CCT)	5000K
Color Rendering (CRI)	80
R9 (Red Value)	--
Beam Angle	170°
Light Distribution	Type VS
BUG Rating (Backlight, Uplight, and Glare)	--
Dimmable Lighting Control	See Install Instructions

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

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

COMPONENTS	
LED Light Source	--

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

QUALIFICATIONS

UL CERTIFIED · DLC LISTED · RoHS compliant

Visit 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.

PREMIUM QUALITY LIGHTING® · Phone: 800-323-8107
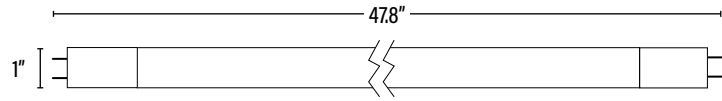© P.Q.L., Inc. · 2285 Ward Avenue · Simi Valley, CA 93065

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LED HYBRID LINEAR T8

PQL
PREMIUM QUALITY LIGHTING®

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

PACKAGING		UPC	DIMENSIONS (LxWxH)	GROSS WEIGHT (Lbs)
Master Carton	25	811768024524	48.8" x 5.9" x 5.9"	14.4
Individual Box	1	10811768024521	--	0.58
Country of Origin	China			
HS Tariff	--			

ORDERING

ITEM#	DESCRIPTION	CASE
91508	LED 4FT 12WT8/50K/TYPE A & B/SAFETY COATED - **DLC**®	25

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

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

ADDITIONAL INFORMATION:

Family Item(s): 90403/4000K

- 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.

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