



Item#: **90417**
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.

DIRECT WIRE OR PLUG & GO™

Simple rewiring installation allows lamps to run off main or use it with an instant start ballast as a plug and go.

- Thermal fuse - for added safety
- Wide beam design
- Exceptional efficacy
- Tubes will work with shunted and non-shunted sockets
 (See on Page 2 under Additional Information)

**Not suitable for dimming or emergency ballasts.*

PERFORMANCE DATA

ELECTRICAL

	LAMP	DLC® SYSTEM POWER
Wattage	14W	17.5W
Voltage	120-277V	
Current	170mA	
Power Factor	0.9	
Total Harmonic Distortion (THD)	12.6	

LIGHTING PERFORMANCE

Lumens	2150	
Lumens Per Watt (Lm/W)	123	
Color Temperature (CCT)	3500K	
Color Rendering (CRI)	83	
R9 (Red Value)	1	
R13 (Skin Tones)	82	
Beam Angle	160°	
Light Distribution	Type VS	
BUG Rating (Backlight, Uplight, and Glare)	2 Lamp	B1 - U4 - G2
Dimmable Lighting Control		

ENVIRONMENT

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

LIFESPAN

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

COMPONENTS

LED Light Source	Seoul 3528
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CONSTRUCTION

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

QUALIFICATIONS



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.

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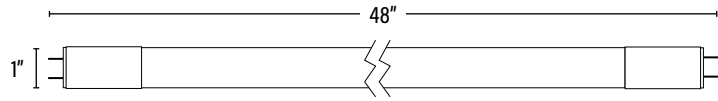
ITEM INFORMATION

DIMENSIONS (Inches)

Length (MOL)	48"
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	10811768020653	50.2" x 7.3" x 7.3"	16.5
Individual Box	1	811768020656	--	0.66
Country of Origin	China			
HS Tariff	8539.50.0050			

ORDERING

ITEM#	DESCRIPTION	CASE
90417	LED 4' 14WT8/35K/FR/SUPER HYBRID/SAFETY COATED/V5 - SUPERIOR LIFE® CEE/DLC®	25

ADDITIONAL INFORMATION:

Family Item(s): 90418/4000K • 90419/5000K

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