



Item#: **90418**  
**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	2100	
Lumens Per Watt (Lm/W)	126	
Color Temperature (CCT)	4000K	
Color Rendering (CRI)	83	
R9 (Red Value)	1	
R13 (Skin Tones)	83	
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	<b>DAMP</b>
Ingress Protection Rating	IP20
Suitable Fixture Location	Enclosed

**LIFESPAN**

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

**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](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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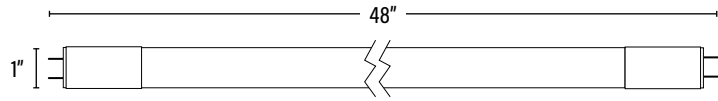
ITEM INFORMATION

**DIMENSIONS** (Inches)

Length (MOL)	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	10854432004924	50.2" x 7.3" x 7.3"	16.5
Individual Box	1	854432004927	--	0.66
Country of Origin	China			
HS Tariff	8539.50.0050			

**ORDERING**

ITEM#	DESCRIPTION	CASE
90418	LED 4' 14WT8/40K/FR/SUPER HYBRID/SAFETY COATED/V5 - SUPERIOR LIFE® CEE/DLC®	25

**ADDITIONAL INFORMATION:**

Family Item(s): 90417/3500K - 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.