



Item#: **90441**
LED HYBRID LINEAR T8/U6
 DUAL MODE INTERNAL DRIVER
 (UL TYPE A AND TYPE B)

FEATURES

The LED T8 Super Hybrid U6 lamp 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
- 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	13W	16W
Voltage	120-277V	
Power Factor	0.9	
Total Harmonic Distortion (THD)	20	

LIGHTING PERFORMANCE

Lumens	2000	
Lumens Per Watt (Lm/W)	125	
Color Temperature (CCT)	5000K	
Color Rendering (CRI)	83	
R9 (Red Value)	5.3	
R13 (Skin Tones)	84	
Beam Angle	160°	
Light Distribution	Type VS	
BUG Rating (Backlight, Uplight, and Glare)	2 Lamp	B1 - U2 - G1
Dimmable Lighting Control		

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	Samsung SPMWH1228	
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CONSTRUCTION

Housing	PC / Plastic End Caps	
Lens	Frosted	
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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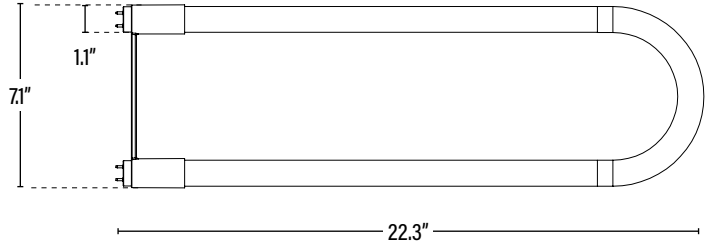
ITEM INFORMATION

DIMENSIONS (Inches)

Length (MOL)	22.3"
Width/Diameter (MOD)	7.1"
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	12	10811768021476	24.4" x 15.2" x 8.3"	10.8
Individual Box	1	811768021479	23" x 7.2" x 1.1"	0.9
Country of Origin	China			
HS Tariff	8539.50.0010			

ORDERING

ITEM#	DESCRIPTION	CASE
90441	LED 13WT8/U6/50K/FR/SUPER HYBRID - SUPERIOR LIFE® DLC®	12

ADDITIONAL INFORMATION:

Family Item: 90439/3500K • 90440/4000K

- 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.