



Item#: **90440**
LED LINEAR HYBRID 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 AND GO™

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

- Exceptional efficacy
- U6 will work with shunted and non-shunted sockets
 (See note under additional information)

****Not suitable for dimming or emergency ballasts.**

ELECTRICAL

	LAMP	DLC® SYSTEM POWER
Wattage	13W	16W
Voltage	120-277V	
Power Factor	0.9	
Total Harmonic Distortion (THD)	20	

LIGHTING PERFORMANCE

Lumens	1900
Lumens Per Watt (Lm/W)	118
Color Temperature (CCT)	4000K
Color Rendering (CRI)	83
R9 (Red Value)	--
R13 (Skin Tones)	--
Beam Angle	160°
Light Distribution	Type VS
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.

PERFORMANCE DATA

PACKAGING

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LED LINEAR HYBRID T8/U6



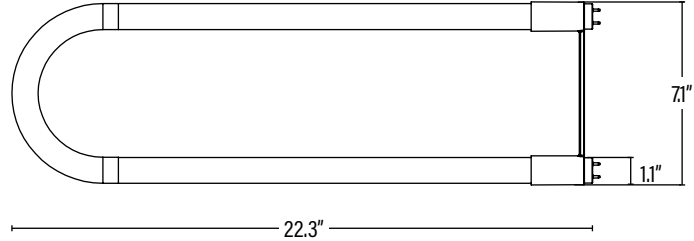
DIMENSIONS (Inches)

Length	22.3"
Width/Diameter	1"
Weight (Lbs)	--

Line drawings may not be to scale and are for general reference only.

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	10811768022268	--	--
Individual Box	1	811768022261	23" x 7.2" x 1.1"	--
Country of Origin	China			
HS Tariff	--			

ORDERING

ITEM#	DESCRIPTION	CASE
90440	LED 13WT8/U6/40K/FR/SUPER HYBRID - SUPERIOR LIFE® DLC®	12

ADDITIONAL INFORMATION:

Family Item: 90439/3500K - 90441/5000K

- 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.

PERFORMANCE DATA

PACKAGING