



**LBU135 STANDARD • 5YR**  
**LED LINEAR BALLAST BYPASS T8/U6**  
DUAL MODE INTERNAL DRIVER  
(UL TYPE A AND TYPE B)

**FEATURES**

The LED T8 Ballast Bypass SE/DE U6 lamp provides exceptional lighting with reduced energy and maintenance costs. The special tube can work with or without a ballast, making it a top-of-the-line replacement for standard fluorescent lamps.

**DIRECT WIRE OR DIRECT INSTALL**


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

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

ELECTRICAL	LAMP	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	<b>DAMP</b>	
Ingress Protection Rating	IP20	
Suitable Fixture Type	Enclosed	

**LIFESPAN**

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

**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**

Manufacturer Model #	90441	
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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.

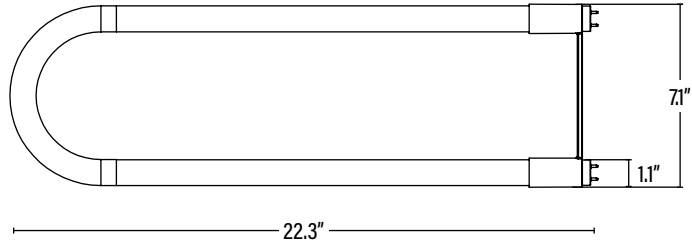
# LBU135 STANDARD • 5YR LED LINEAR BALLAST BYPASS T8/U6



### DIMENSIONS (Inches)

Length	22.3"
Width/Diameter	1"
Weight (Lbs)	0.9

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



### PACKAGING

		UPC	DIMENSIONS (LxWxH)	GROSS WEIGHT (Lbs)
Master Carton	12	10811768021476	--	--
Individual Box	1	811768021479	23" x 7.2" x 1.1"	--
Country of Origin	China			
HS Tariff	8539.50.0010			

### ORDERING

ITEM#	DESCRIPTION	CASE
LBU135	LED 13WT8/U6/50K/FR - SE/DE	12

Manufactured by P.Q.L., Inc. - Manufacturer Model # 90441

### ADDITIONAL INFORMATION:

• 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