



**LLB145** LT. COMMERCIAL • 5YR  
**LED BALLAST BYPASS LINEAR T8**  
INTERNAL DRIVER LAMP-STYLE RETROFIT KITS  
(UL TYPE B)

**FEATURES**

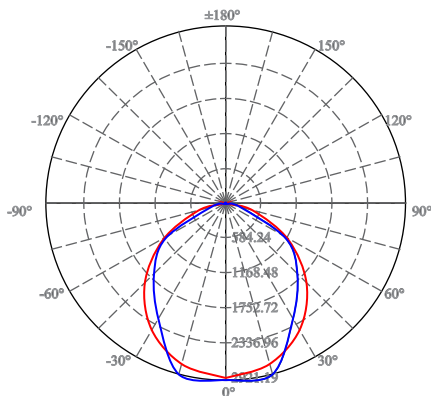
Our T8 LED tube lamp provides exceptional LED lighting with reduced energy and maintenance costs. The linear LED does not use a fluorescent ballast to work; instead they feature a built-in universal line voltage driver, making it a top of the line replacement for standard fluorescent lamps.

**SINGLE ENDED DIRECT WIRE**

- No ballast required, lamp runs off main
- Exceptional efficacy
- ETL Sanitation Listed (NSF-2)

*\*\*Non-shunted sockets required, see install instructions for further details.*

**LIGHT DISTRIBUTION CURVE**



**ELECTRICAL**

Wattage	15W
Voltage	120-277V
Current	0.125A
Power Factor	0.9
Total Harmonic Distortion (THD)	21.3

**LIGHTING PERFORMANCE**

Lumens	2100	
Lumens Per Watt (Lm/W)	132	
Color Temperature (CCT)	5000K	
Color Rendering (CRI)	83	
R9 (Red Value)	9	
R13 (Skin Tones)	84	
Beam Angle	160°	
Light Distribution	Type VS	
BUG Rating (Backlight, Uplight, and Glare)	4 Lamp	B3 - U3 - G1
	6 Lamp	B3 - U4 - G2
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	Everlight 67-21S
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**CONSTRUCTION**

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

**QUALIFICATIONS**

Manufacturer Model #	91283
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Visit [www.designlights.org/search](http://www.designlights.org/search) to confirm qualification. • Published lumens on LED products are approximate and may vary slightly.

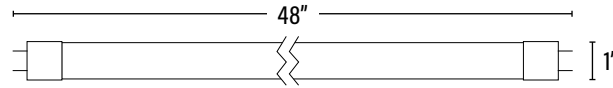
# LLB145 LT. COMMERCIAL • 5YR LED BALLAST BYPASS LINEAR T8



## DIMENSIONS (Inches)

Length (MOL)	48"
Width/Diameter (MOD)	1"
Weight (Lbs)	0.7

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



## PACKAGING

		UPC	DIMENSIONS (LxWxH)	GROSS WEIGHT (Lbs)
Master Carton	25	10811768025023	50.2" x 7.3" x 7.3"	16.5
Individual Box	1	811768025026	--	--
Country of Origin	China			
HS Tariff	8539.50.0050			

## ORDERING

ITEM#	DESCRIPTION	CASE
LLB145	LED 4' 15WT8/50K/FR/SAFETY COATED/V5 CEE	25

Manufactured by P.Q.L., Inc. - Manufacturer Model # 91283

PERFORMANCE DATA

PACKAGING