



LLR133 STANDARD • 5YR
LED DIRECT INSTALL LINEAR T8
REPLACEMENT LAMPS (PLUG AND PLAY)
(UL TYPE A)

FEATURES

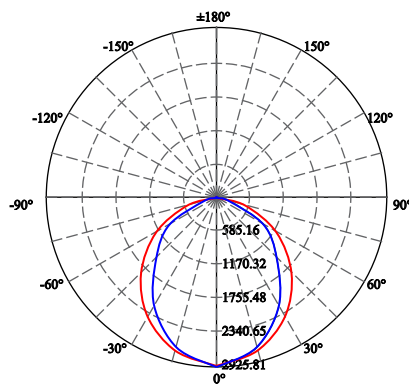
Our T8 LED tube can work with the most popular electronic ballasts that are capable of replacing your existing fluorescent T8 lamps without any additional wiring. It provides exceptional LED lighting with reduced energy and maintenance costs.

WORKS WITH EXISTING ELECTRONIC BALLAST*

- Exceptional efficacy
- No flickering
- ETL Sanitation Listed (NSF-2)

***Suitable for dimming and emergency ballasts.*

LIGHT DISTRIBUTION CURVE



PERFORMANCE DATA
PACKAGING

ELECTRICAL	LAMP	SYSTEM POWER
Wattage	13W	16W
Voltage	120-277V	
Current	0.276A	
Power Factor	0.9	
Total Harmonic Distortion (THD)	12.4	

LIGHTING PERFORMANCE		
Lumens	1950	
Lumens Per Watt (Lm/W)	122	
Color Temperature (CCT)	3500K	
Color Rendering (CRI)	83	
R9 (Red Value)	1	
R13 (Skin Tones)	84	
Beam Angle	160°	
Light Distribution	Type VS	
BUG Rating (Backlight, Uplight, and Glare)	4 Lamp	B3 - U3 - G2
	6 Lamp	B3 - U4 - G2

Dimmable Lighting Control  Unless compatible ballast is dimmable.

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	Everlight 67-21S

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

QUALIFICATIONS	
Manufacturer Model #	91313



Manufactured by P.Q.L., Inc. • Published lumens on LED products are approximate and may vary slightly.

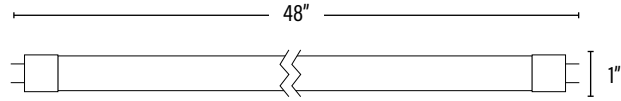
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DIMENSIONS (Inches)

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

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



PACKAGING

		UPC	DIMENSIONS (LxWxH)	GROSS WEIGHT (Lbs)
Master Carton	25	10899645001575	--	--
Individual Box	1	899645001578	--	0.7
Country of Origin	China			
HS Tariff	8539.50.0050			

ORDERING

ITEM#	DESCRIPTION	CASE
LLR133	LED 4' 13WT8/35K/FR/DI/SAFETY COATED V5 CEE	25

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PACKAGING