



# T8 LED 347VAC

## Linear 4' Tube with External Electronic Driver

*32W fluorescent equivalent*

Leapfrog Lighting's T8 tube with external electronic 347VAC driver is designed for commercial, industrial and institutional facilities with high voltage power circuits. cETL and DLC listed, this tube provides industry-leading light quality and output power. Direct replacement for T8 and T12 tubes.

### Features

- Innovative soft light, anti-glare technology
- No hum, strobing or flickering
- Supplied as kits with a 347VAC external electronic driver and 1, 2, 3, or 4 T8 LED tubes
- Available in clear or frosted
- DLC certified (models with 1 tube/driver)
- Available in 2 popular CCTs
- Industry leading efficacy
- Comprehensive five-year warranty



### Contact

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#### LIGHT QUALITY

Evenly distributed, soft, no glare light

#### APPLICATIONS

cUL approved for damp locations

#### LIFE EXPECTANCY

50,000 hours

#### PERFORMANCE

High light output, high efficiency, wide beam angle light source

#### COLOR

Ultra-consistent color temperature control critical to multi-tube applications with pleasing CCT options

#### WATTAGE EQUIVALENCY

Each tube has light output equivalent to a 32W fluorescent

### SPECIFICATIONS

CCT <sup>1</sup>	TUBES PER KIT	LM	W	LM/W	CRI <sup>2</sup>	PART
4000K	1	1995	18	111	84	1009-E4△18-40211
	1	2415	22	110	84	1009-E4△22-40211
	2	3990	36	111	84	1009-E4△36-40221
	2	4830	44	110	84	1009-E4△44-40221
	3	5985	54	111	84	1009-E4△54-40231
	3	7245	66	110	84	1009-E4△66-40231
	4	7980	72	111	84	1009-E4△72-40241
	4	9660	88	110	84	1009-E4△88-40241
5000K	1	2050	18	114	84	1009-E4△18-50211
	1	2485	22	113	84	1009-E4△22-50211
	2	4100	36	114	84	1009-E4△36-50221
	2	4970	44	113	84	1009-E4△44-50221
	3	6150	54	114	84	1009-E4△54-50231
	3	7455	66	113	84	1009-E4△66-50231
	4	8200	72	114	84	1009-E4△72-50241
	4	9940	88	113	84	1009-E4△88-50241

△ Cover finish type. Replace the △ with one of the following when ordering:  
C = Clear F = Frosted

Each kit is composed of 1 to 4 tubes and an electronic driver.  
The above specifications for lm and W are per kit.

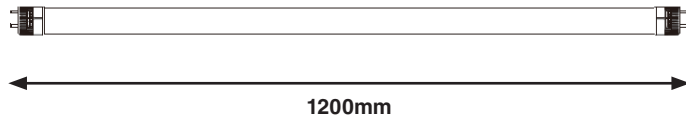
GENERAL	
Min. lifetime <sup>3</sup>	50,000 hours
Base type	G13
Weight	Tube 0.42 kg Driver 0.17 kg
Dimensions <sup>4</sup>	T8

ELECTRICAL	
Operating voltage range	277-347VAC
Power factor	> 0.94
IP Rating	IP45

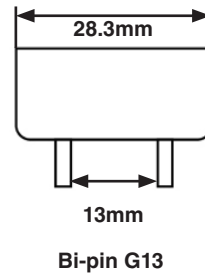
OPTICAL	
Duv <sup>5</sup>	< ±0.006

1. Tolerances as per ANSI C78.377-2008 Nominal CCT categories
2. CRI refers to the "General CRI" described as Ra in CIE 13.3
3. Lifetime as defined by IESNA LM-80
4. Compatible with ANSI C78.21-2011 dimensional requirements
5. Duv values and tolerances as per ANSI C78.377-2008 Nominal CCT, Table 1, page 8

## DIMENSIONS



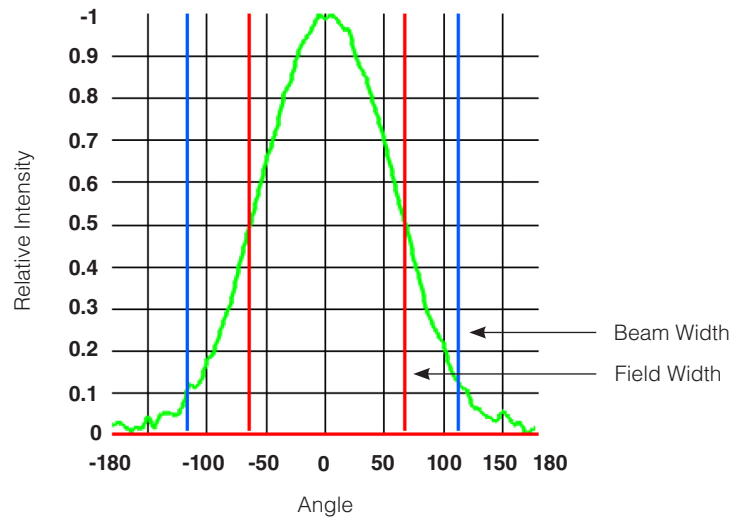
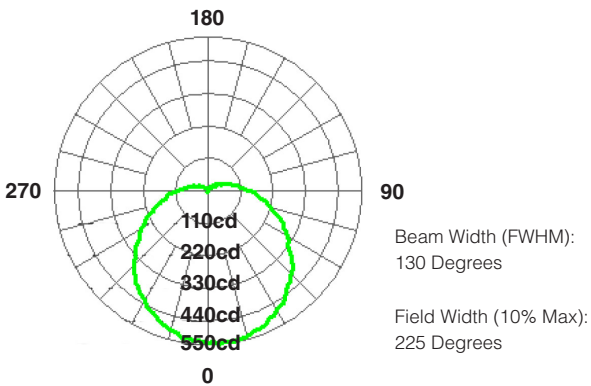
## BASE TYPE



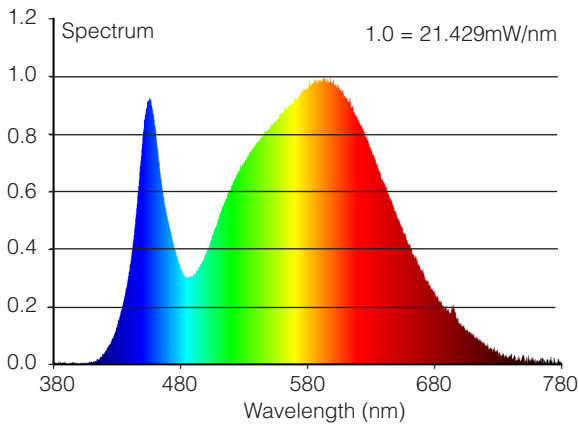
## T8 TRANSFORMER COMPATIBILITY (Canada)

Leapfrog Lighting's T8 347VAC tubes are not compatible with inductive or electronic ballasts typically used with fluorescent tubes. Leapfrog Lighting's T8 347VAC tubes must be connected to building circuits using the supplied electronic driver.

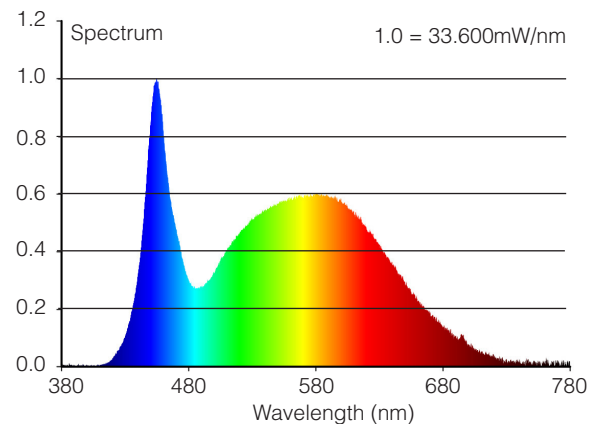
## POLAR INTENSITY DIAGRAMS 4000K / 5000K



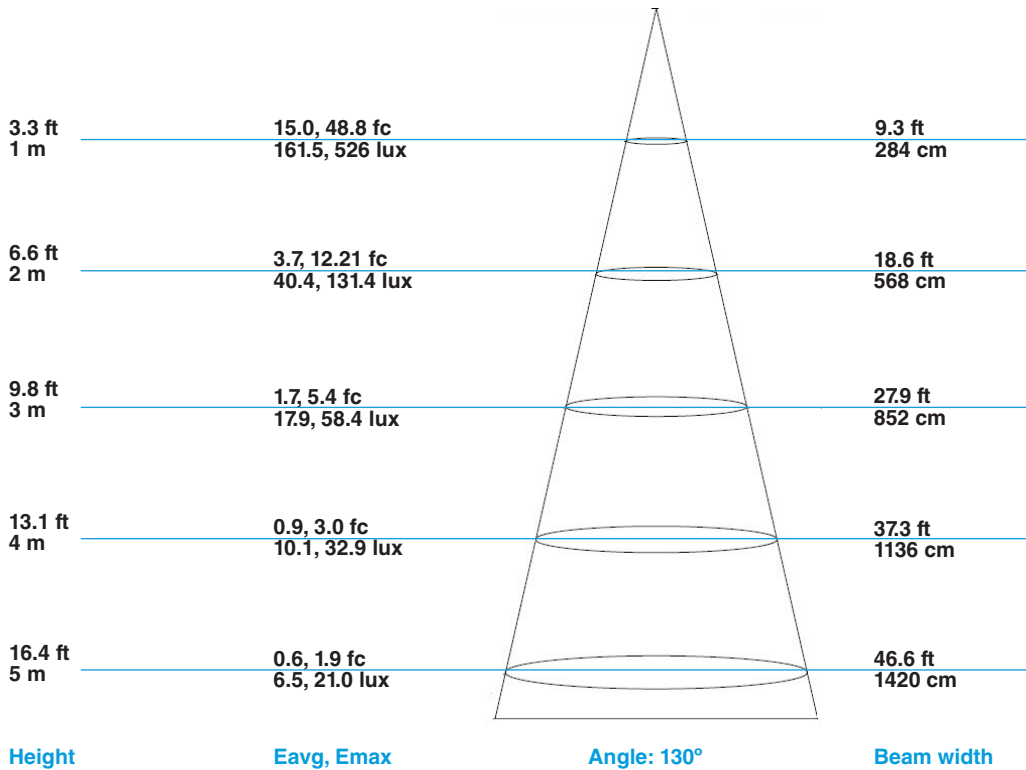
## SPECTRAL POWER DISTRIBUTION 4000K



## 5000K



## BEAM ANGLES



Curves = illuminated area and the average illumination when the luminaire is at different distance

### APPLICATION NOTES

UL approved for dry locations

Ambient temperature within -20 to +40 °C. The lamp body temperature is 50 °C (ideal temperature) when ambient temperature is 25 °C.

### SAFETY NOTES

Warning: Risk of electric shock

Do not disassemble (no user serviceable parts)

Turn off power before inspection, installation or removal.

### WARRANTY

If the tube fails to meet our specifications during the first 60 months, we'll replace it.

For additional warranty information, please refer to <http://www.leapfroglighting.com/resources/>.

