



# BELL

## LED 8' T8 Tubes



**Product of the Year 2021**

### BELL

Our new and revolutionary BELL T8 8' Glass Tube offers significant energy-efficiency and lifetime improvements over fluorescent lamps. Our BELL lamps are installed by bypassing existing fluorescent ballasts, and hard-wiring tombstone lamp-holders directly to incoming AC power leads. Dual-ended bypass lamps eliminate the need to replace shunted tombstone lamp-holders in existing fluorescent luminaires.

- REVOLUTIONARY design consists of 2 parts that combine to be one tube
- Cost effective shipping also reduces damages during transit
- Current Leakage Protection, Passed UL 1993
- Up to 130 lumens per Watt
- Shatter-proof & meets NSF Requirements
- Fa8 Base/G13 Standard with optional R17d connector
- Full glass housing inhibits yellowing and distortion
- Replaces 85W T8/T12 HO lamps
- Type B dual end power & bypass ballast
- Universal 120-277Vac 50-60Hz

# BELL

## LED 8' T8 Tubes

### BELL - Type B

SKU #	Model #	Watts	Lumens	CCT	Lens	Power	Base	Length	Certifications
151213	BLT-8FT-42WB2SC-65K	42W	5460Lm	6500K	Clear	2 End	Fa8/G13 Standard R17d Optional	8'	UL
151216	BLT-8FT-42WB2S-65K	42W	5460Lm	6500K	Frosted	2 End	Fa8 /G13 Standard R17d Optional	8'	UL
151588	BLT-8FT-42WB-50K	42W	5460Lm	5000K	Frosted	2 End	Fa8 /G13 Standard R17d Optional	8'	UL & DLC
151215	High Output Accessories for 8' Tube				Set of 2 pcs				

### Specifications

Input Voltage	Power Factor	CRI	Beam angle
120-277VAC 50/60HZ	>0.9	Ra>80	320°

### Fixture Specifications

Body	Glass
End cap	G13 converts to FA8/F17D
Lens	Frosted/Clear
Dimming	Non-dimmable
Lifetime	50,000 Hours

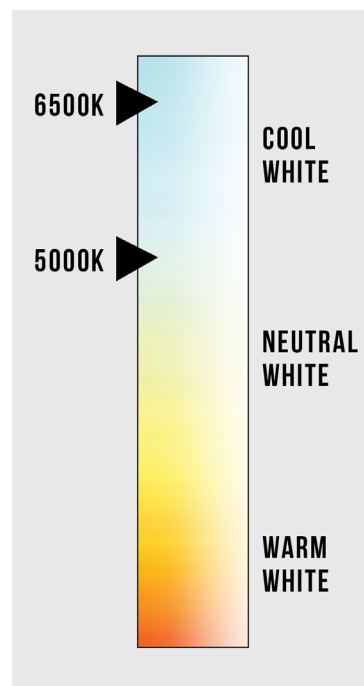
### Others

Environmental Requirements	Operation Temperature: -4°F to 113°F Relative Humidity: 45%-85% Non-corrosive environments
----------------------------	--

### Warranty

Warranty	5 Year
----------	--------

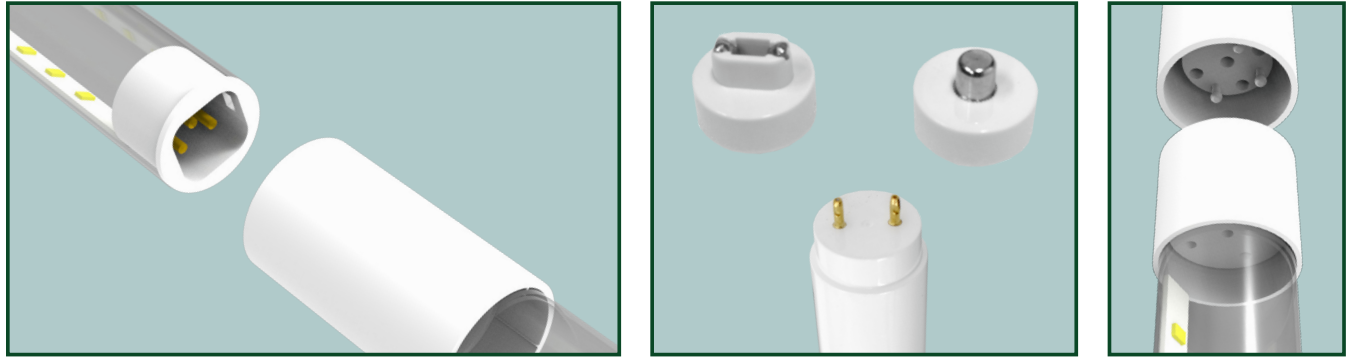
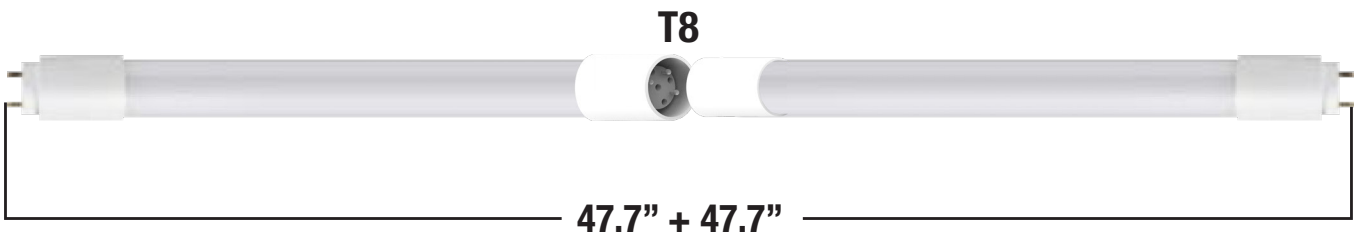
### CORRELATED COLOR TEMPERATURE (CCT)



# BELL

## LED 8' T8 Tubes

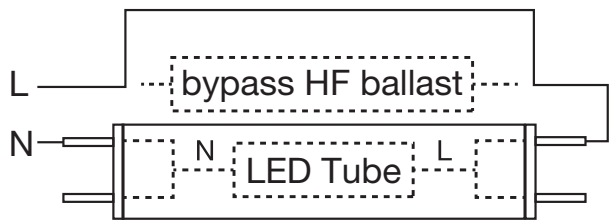
### Dimensions



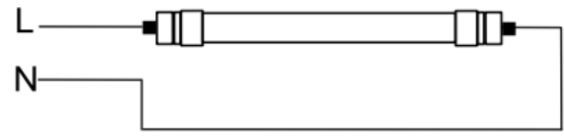
### Wiring

- Two parts combined to be one tube(easy for transportation)
- Double-ended ballast bypass, R17D&FA8
- Glass+pet film as shatterproof Meet NSF requirements
- Automatic production, high product consistency and low manufacture costs

### Type B 2 End



TYPE B(AC directly, double end ballast bypass) -  
 Assembly introduction:



# BELL

## LED 8' T8 Tubes

### Distribution Diagram

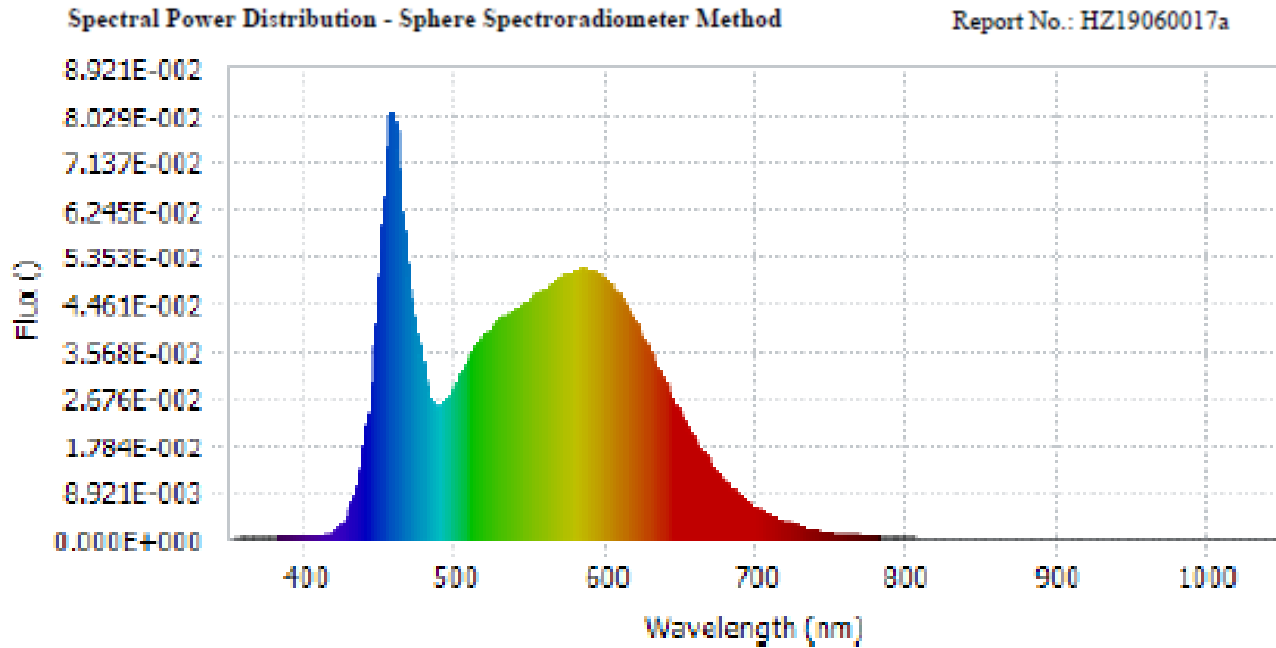


Chart 5: Spectral Power Distribution

Spectral Distribution over Visible Wavelength							
WL(nm)	Radiant(Watts)	WL(nm)	Radiant(Watts)	WL(nm)	Radiant(Watts)	WL(nm)	Radiant(Watts)
380	3.13E-04	485	2.51E-02	590	5.08E-02	695	6.70E-03
385	2.89E-04	490	2.56E-02	595	5.00E-02	700	5.77E-03
390	3.16E-04	495	2.72E-02	600	4.89E-02	705	4.95E-03
395	2.53E-04	500	2.99E-02	605	4.72E-02	710	4.23E-03
400	2.51E-04	505	3.29E-02	610	4.51E-02	715	3.63E-03
405	2.88E-04	510	3.55E-02	615	4.29E-02	720	3.13E-03
410	4.65E-04	515	3.77E-02	620	4.01E-02	725	2.67E-03
415	9.51E-04	520	3.94E-02	625	3.73E-02	730	2.29E-03
420	1.97E-03	525	4.06E-02	630	3.44E-02	735	1.96E-03
425	3.87E-03	530	4.18E-02	635	3.14E-02	740	1.68E-03
430	7.17E-03	535	4.26E-02	640	2.85E-02	745	1.43E-03
435	1.27E-02	540	4.36E-02	645	2.56E-02	750	1.23E-03
440	2.17E-02	545	4.47E-02	650	2.28E-02	755	1.06E-03
445	3.65E-02	550	4.56E-02	655	2.03E-02	760	9.08E-04
450	5.97E-02	555	4.67E-02	660	1.79E-02	765	7.78E-04
455	8.00E-02	560	4.77E-02	665	1.57E-02	770	6.68E-04
460	7.39E-02	565	4.88E-02	670	1.38E-02	775	5.75E-04
465	5.49E-02	570	4.98E-02	675	1.20E-02	780	4.99E-04
470	4.35E-02	575	5.04E-02	680	1.04E-02		
475	3.52E-02	580	5.09E-02	685	9.01E-03		
480	2.79E-02	585	5.12E-02	690	7.78E-03		

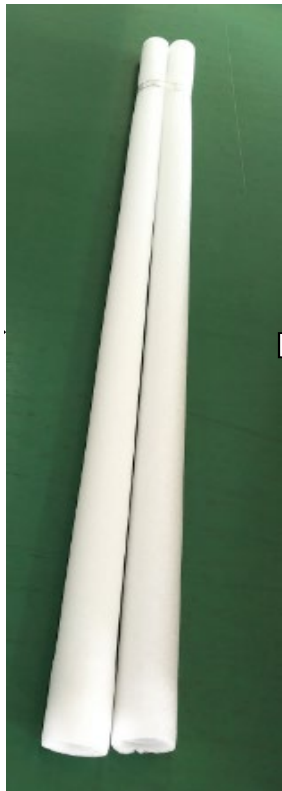
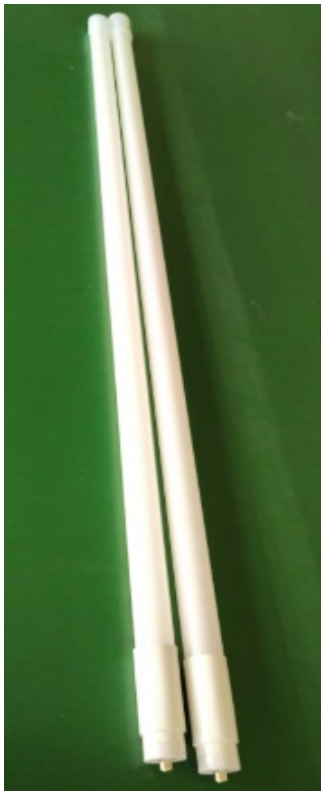
Table 5: Spectral Power Distribution Numerical Data per Sphere - Spectroradiometer Method

# BELL

## LED 8' T8 Tubes

### Packing

Box size	Box weight	Box quantity
50" X 14" X 9"	26LBS	20PCS



### Application

