

# Popular Bypass Single Ended

*Bypass Single Ended*  
5 Year Limited Warranty

Frosted Glass  
Single Ended Wiring  
15 Watts  
3500, 4000 or 5000K



Look for this logo to denote that your fixture or retrofit kit has an industry leading LED T8 Lamp backed by a fifty year old company with hallmarks on reliability, consistency, and performance. If you see this mark, rest assured your lights will operate to specifications every time or we will be there to make it right.

**LAMP TYPE:** T8 Bipin Sockets  
**BULB TYPE:** T8 LED  
**BASE TYPE:** G13 (Medium Bi-Pin)  
**WATTAGE:** 15W  
**COLOR TEMPERATURE:** 3500, 4000 or 5000K  
**COLOR RENDERING INDEX (CRI):** >83  
**WARRANTY:** 5 Years

## PRODUCT FEATURES

- Integrated Internal LED Driver eliminates the need for any ballast or Driver in the fixture
- 120V to 277V Universal Voltage operation, 50/60 HZ
- Rated Life is 50,000 Hours
- Beam Spread 240 degrees to put the light exactly where you need it
- High Power Factor > 0.90
- Color Rendering Index > 83
- THD < 20%
- Working Temp : -20°C to 45°C
- UL and ETL Sanitation Certified
- Instant On, Non-dimmable with no mercury & virtually no UV
- Suitable for Indoor, Outdoor, Enclosed or Open Fixture
- Samsung LEDs

## WARRANTY

Standard warranty is 5 years or 50,000 hours.  
For details, visit [www.savegreenlighting.com/Warranty](http://www.savegreenlighting.com/Warranty)

## LED T8 Lamp Benefits

The most Popular Single Ended Bypass T8 Lamp is one of the most exciting new LED technologies in an ever changing industry. This lamp provides all the benefits that are making LED so popular without any of the drawbacks. The T8 lamp fits into most fixtures that were once fluorescent but don't require a ballast which is often the first thing that breaks down. The lamps are wired with Single Ended Power which enables ease of installation, lower cost luminaires and enhanced safety. Rigid glass construction ensures the lamp will never sag and a frosted finish for comfortable, glare free lighting. The lamp requires non-shunted G13 medium bi-pin sockets.

## ELECTRICAL CHARACTERISTICS

- Input Voltage: 120-277Vac
- Power Consumption: 15W
- Power Factor: >0.90
- Input Current: 0.16A UL Rated Current

## PACKAGING

Bulk pack of 25

## PHOTOMETRIC CHARACTERISTICS

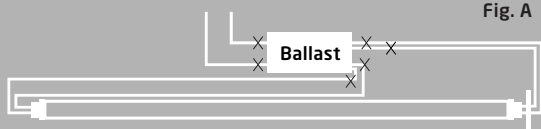
- Color Temperature (CCT): 3500, 4000, 5000K
- Luminous Flux: 1740 lm
- Color Rendering Index (CRI): >83
- Efficacy: 116 lm/W



**ORDERING GUIDE:** LT8BG48L15W1740L35K, LT8BG48L15W1740L40K, LT8BG48L15W1740L50K

SERIES	LAMP TYPE	WIRING	MATERIAL	LENGTH	WATTAGE/LUMENS	COLOR TEMP
LT Standard	8 T8 Bipin	B Bypass	G Frosted Glass	48L 48 Inches	15W 1740lm	35K 3500K 40K 4000K 50K 5000K

Fig. A



## BYPASS INSTALLATION

Bypass ballast by cutting all wires as in Fig. A

Replace shunted lamp holder with non-shunted one if applicable (Instant Start)

Directly wire Live + Neutral on a single end as in Fig. B for single tube or as in Fig. C for multiple tubes

Existing fixture maintains original UL compliance thanks to UL1598C tube

Fig. B



Fig. C



## LAMP ORDER CODES & INFO

ITEM NO.	FIXTURE CODE *	COLOR	WIRING	MATERIAL	WARRANTY	LENGTH	WATTAGE	LUMENS FOR 400K	BEAM	CRI
LT8BG48L15W1740L35K	SGB15W35	3500K	Single Ended	Frosted Glass	5 Yrs	48	15	1740	240	>83
LT8BG48L15W1740L40K	SGB15W40	4000K	Single Ended	Frosted Glass	5 Yrs	48	15	1740	240	>83
LT8BG48L15W1740L50K	SGB15W50	5000K	Single Ended	Frosted Glass	5 Yrs	48	15	1740	240	>83

\*Add fixture code to end of "Partner's" Fixture item number for this lamp installed in fixture

## SAVEGREEN RETROFIT ACCESSORIES

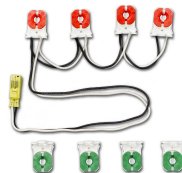


### Bypass Unshunted Sockets

Specially made sockets designed to identify fixtures utilizing Savegreen and other Bypass Lamps

### SKTUSMEDRED

Individual Unshunted Medium Red Socket Slide On



UL Listed kit to bypass Fluorescent Ballast w/LED Tubes

Add '8' after RLK for tandem version

To wire for Troffer Retrofit, add 'TR' after 'RLK'

ITEM NO.	COLOR
RLK1X1WR	Retrofit Lamp Kit Prewired Unshunted Sockets for 1 LED T8 Lamp includes companion sockets
RLK2X1WR	Retrofit Lamp Kit Prewired Unshunted Sockets for 2 LED T8 Lamp includes companion sockets
RLK3X1WR	Retrofit Lamp Kit Prewired Unshunted Sockets for 3 LED T8 Lamp includes companion sockets
RLK4X1WR	Retrofit Lamp Kit Prewired Unshunted Sockets for 4 LED T8 Lamp includes companion sockets