

# Standard Bypass Single Ended

*Bypass Single Ended*  
5 Year Limited Warranty

Plastic Coated Glass  
Single Ended Wiring  
9, 12, 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:** 9W, 12W or 15W
- COLOR TEMPERATURE:** 3500, 4000, 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, DLC and NSF Certified
- Instant On, Non-dimmable with no mercury & virutally 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

Savegreen's Standard 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 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 specially designed plastic coating makes it durable and safe in many applications. The lamp requires non-shunted G13 medium bi-pin sockets.

### ELECTRICAL CHARACTERISTICS

- Input Voltage: 120-277Vac
- Power Consumption: 9,12,15 W
- Power Factor: >0.90
- Input Current: 0.10A @ 24"  
0.13A @ 36"  
0.16A @ 48"  
UL Rated Current

### PHOTOMETRIC CHARACTERISTICS

- Color Temperature (CCT): 3500, 4000, 5000K
- Luminous Flux: 1050, 1200,1750 lm
- Color Rendering Index (CRI): >83
- Efficacy: 116, 100, 116 lm/W

### PACKAGING

Bulk pack of 25



**ORDERING GUIDE:** LT88GCG24L9W1050L35K    LT88GCG36L12W1200L35K    LT88GCG48L15W1740L35K  
 LT88GCG24L9W1050L40K    LT88GCG36L12W1200L40K    LT88GCG48L15W1740L40K  
 LT88GCG24L9W1050L50K    LT88GCG36L12W1200L50K    LT88GCG48L15W1740L50K

SERIES	LAMP TYPE	WIRING	MATERIAL	LENGTH	WATTAGE/LUMENS	COLOR TEMP
LT Standard	8 T8 Bipin	B Bypass	GC Glass Coated	24L 24 Inches	9W 1050 lm	35K 3500K
				36L 36 Inches	12W 1200 lm	40K 4000K
				48L 48 Inches	15W 1750 lm	50K 5000K

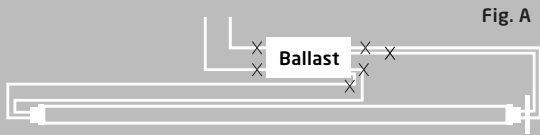


Fig. A

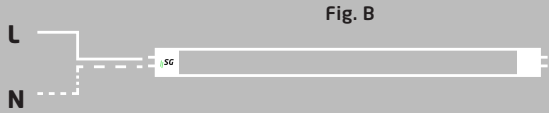


Fig. B

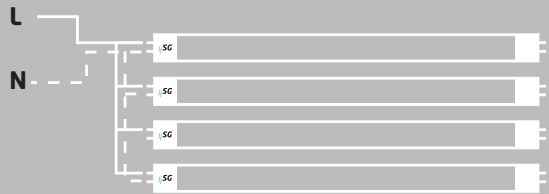


Fig. C

**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

**LAMP ORDER CODES & INFO**

ITEM NO.	FIXTURE * CODE	COLOR	WIRING	MATERIAL	WARRANTY	LENGTH	WATTAGE	LUMENS FOR 400K	BEAM	CRI
LT8BGC24L9W1050L35K	SGS29W35	3500K	Single Ended	Plastic Coated Glass	5 Yrs	24	9	1050	240	>83
LT8BGC24L9W1050L40K	SGS29W40	4000K	Single Ended	Plastic Coated Glass	5 Yrs	24	9	1050	240	>83
LT8BGC24L9W1050L50K	SGS29W50	5000K	Single Ended	Plastic Coated Glass	5 Yrs	24	9	1050	240	>83
LT8BGC36L12W1200L35K	SGS312W35	3500K	Single Ended	Plastic Coated Glass	5 Yrs	36	12	1200	240	>83
LT8BGC36L12W1200L40K	SGS312W40	4000K	Single Ended	Plastic Coated Glass	5 Yrs	36	12	1200	240	>83
LT8BGC36L12W1200L50K	SGS312W50	5000K	Single Ended	Plastic Coated Glass	5 Yrs	36	12	1200	240	>83
LT8BGC48L15W1740L35K	SGS15W35	3500K	Single Ended	Plastic Coated Glass	5 Yrs	48	15	1740	240	>83
LT8BGC48L15W1740L40K	SGS15W40	4000K	Single Ended	Plastic Coated Glass	5 Yrs	48	15	1740	240	>83
LT8BGC48L15W1740L50K	SGS15W50	5000K	Single Ended	Plastic Coated 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