

PRODUCT DATASHEET

LED BF T8 TruWave 17W 4' FP 950

SYLVANIA LEDlescent™ TruWave® LED T8 | TruWave T8 lamps reduce glare and eye strain by controlling blue wavelengths



Areas of application

- Grocery
- Warehouses
- Factories and workshops
- Retail

Product features

- Controls blue wavelengths for lower glare and reduced eye strain to improve readability
- Supports an improved sleep-wake cycle
- Perfect fit where clean light color rendering is needed for seeing realistic, vivid colors without sacrificing light output
- Properly saturates red to make building spaces and flesh tones accurate and vibrant, without oversaturating which compromises energy efficiencies
- Exceptional color quality without the loss of efficacy typical of most 90+ CRI solutions
- Familiar form factor of shatter-proof nano-plastic with plastic endcaps
- Double-ended lamp is wired end-to-end preventing non-passive failure of a fluorescent lamp should it be inadvertently installed in the fixture
- Patented built-in safety circuit prevents current from flowing through the lamp when only one end is engaged in the socket thereby eliminating potential shock hazard
- No risk of electrical arcing between the lamp pins and the lamp holders
- CRI: 90; R9 >50, average R9-R12 ≥78; IES TM-30-18 Rf >91 & Rg >95 exceptional color quality
- Static color temperature
- Efficacy up to 129 LPW
- Beam angle: 200°, Light emitting area: 340°
- Suitable for open and enclosed fixtures



TECHNICAL DATA

Additional product data

Base type	G12
Mercury content	0.0 mg
Ordering Abbreviation	LED17T8L48FP950TLBF
Abbrev. With Packaging Info.	LED17T8L48FP950TLBF 25/CS 1/SKU
SKU UPC	0046135408984
NAED	40898
Family Brand Name	LEDlescent™ TruWave™
General Description	4ft LEDlescent™ ballast-free LED T8, Natural™ TruWave™, Frosted Nano- Plastic, 17W, 120-277 Volts, 90 CRI, 2200 Lumens, 5000K, 60000 life
Warranty	5 years

Electrical data

Nominal Wattage	17.00 W
Nominal voltage	120.00...277.00 V
Claimed Equivalent Lamp Pwr	32 W
Type of current	AC

Photometrical data

Lumens	2100 lm
Efficacy	124
Color Temperature/CCT	5000 K
Color Rendering Index (CRI)	90
Light color	950

Dimensions & Weight

Overall length	1219.20 mm
Diameter	1.02 in
Product weight	0.44 lb

Materials & Colors

Lamp Finish	Frosted
Bulb shape	T8
Bulb Glass Type	PLASTICS

Application & Mounting

Dimming	No
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Temperatures & operating conditions

Ambient temperature range	-20...+50 °C
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Lifespan

Average Rated Life (hr)	60000
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Capabilities

Dimming	No
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Certificates & Standards

Certification Listing	RoHS / FCC / CSA / DLC / cULus
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Logistical data

SKU Qty	1
Case Qty	25
Case Length (in)	49.606
Case Width (in)	5.866
Case Depth (in)	5.748
Case Cube (ft)	0.968
Case Weight (lbs)	12.037
SKU UPC	0046135408984
Pallet Qty	1,400

Safety advice

- Ensure lamp holders/sockets are in good operating condition before installation.
- No socket change required. Sockets may be shunted or non-shunted. Tie socket leads together for non-shunted sockets as instructed in installation guide.
- Not for emergency lighting.
- Not to be used with dimmers.
- Do not use with external LED drivers or ballasts.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during installation.
- When installing the LEDlescent T8 lamps, the UL rating of the existing fixture is not voided (even when it is electrically modified) since our LEDlescent T8 lamp is UL Classified (as a luminaire conversion retrofit kit) under UL standard 1598C. UL 1598C is the standard covering LED retrofits intended for an existing UL rated fixture. Since the user is retrofitting with a UL1598C classified LED kit, the installer must follow the installation instructions included with the lamps for the modified fixture to retain its UL rating.
- All installation, inspection, and maintenance of lighting fixtures should be done with the power to the fixture turned off.
- Lamps should be installed and operated in compliance with the National Electrical Code (NEC), Underwriters Laboratories Inc. (UL) requirements, and all applicable codes and regulations.

- Please read and comply with all instructions before attempting installation.
- Compatible with Philips Bodine ELI-S-20 Emergency Lighting Inverters and IOTA inverter models IIS-25-I, IIs-35-I, IIS-50-1, IIS125, IIS-375, IIS-550
- Suitable for dry and damp locations (cannot come in direct contact with water).

DOWNLOAD DATA

Spec Sheets and Product Documents		Document name
	Installation Guide	LEDlescent T8 Ballast Free Installation Guide
	Product Family Spec Sheet	LEDlescent™ TruWave® LED T8

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.