



PRODUCT DATASHEET

LED BF T8 CCT SELECT 12W 4' FGP 5CCT DIM

SYLVANIA LEDlescent™ LED T8 CCT Selectable | T8 CCT Selectable lamps offer 5CCT adjustability from 3000K to 6500K



Areas of application

- Education
- Offices
- Grocery
- Warehouses
- Parking garages

Product features

- Selectable CCTs: 3000/3500/4100/5000/6500K
- Frosted glass optics with shatter-resistant PET coating
- For use with shunted and non-shunted sockets therefore no socket change is needed
- DLC listed allows for rebates in areas where applicable saving on overall project cost
- No polarity; can be installed in either direction, saving time (costs) in installation
- No risk of electrical arcing between the lamp pins and the lamp holders
- Dimmable using some 120V phase cut dimmers (tested and passed with LUTRON NTELV-300, NTELV-600, MAELV-600 and CTELV-303P dimmers)
- No warm-up time, instant-on with full light output and stable lamp-to-lamp color
- CRI > 80

TECHNICAL DATA

Additional product data

Base type	G13
Mercury content	0.0 mg
Ordering Abbreviation	LED12T8L48FGPDIM8SC12BF
Abbrev. With Packaging Info.	LED12T8L48FGPDIM8SC12BF 25/CS 1/SKU
SKU UPC	0046135418785
NAED	41878
Family Brand Name	LEDlescent™
General Description	4ft LED T8 LEDlescent™ (UL Type B), Frosted PET shatter-resistant glass, 12W, 120-277V, 82 CRI, 1800 lumens, 3000K/3500K/4100K/5000K/6500K CCT Selectable, 50,000 hrs life, Dimmable
Warranty	5 years

Electrical data

Nominal Wattage	12.00 W
Nominal voltage	120.00...277.00 V
Claimed Equivalent Lamp Pwr	32 W

Photometrical data

Lumens	1800 lm
Efficacy	150
Color Temperature/CCT	3000/3500/4100/5000/6500 K
Color Rendering Index (CRI)	82
Light color	830

Dimensions & Weight

Overall length	1212.19 mm
Diameter	1.02 in
Product weight	0.44 lb

Materials & Colors

Lamp Finish	Frosted
Bulb shape	T8
Bulb Glass Type	SOFT GLASS

Application & Mounting

Dimming	Yes
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Temperatures & operating conditions

Ambient temperature range	-15...+45 °C
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Lifespan

Average Rated Life (hr)	50000
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Capabilities

Dimming	Yes
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Certificates & Standards

Certification Listing	FCC / RoHS
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Logistical data

SKU Qty	1
Case Qty	25
Case Length (in)	48.622
Case Width (in)	5.938
Case Depth (in)	6.890
Case Cube (ft)	1.151
Case Weight (lbs)	12.897
SKU UPC	0046135418785
Pallet Qty	1,050

Safety advice

- Can be used in enclosed (lens or diffuser) luminaire.
- Not approved for use in vapor tight or sealed luminaire.
- Please read and comply with all instructions before attempting installation.
- 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.
- Do not install LED lamps and fluorescent lamps in the same fixture
- Ensure lamp holders/sockets are in good operating condition before installation.
- Best practice: cap off the remaining ballast wires should the ballast be left in the fixture after disconnecting.
- 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.
- To comply with UL requirements when installing LEDlescent™ lamps, you must affix the luminaire warning sticker—provided inside the packaging—to the fixture during installation. This ensures the fixture retains its UL safety rating.
- EM ballast that operates with fluorescent ballasts must be disconnected from the lamps.
- Make sure the lamps have the proper connections before restoring power.
- Operating temperature range between -4°F and 113°F (-20°C and 45°C).
- LED15T8UFGP8SC12BF U-bend is compatible with SYLVANIA EMBB NAED 75740, however due to a different topology, the T8 Linear lamps are not compatible with this EMBB.
- Do not adjust the CCT selectable switch while the luminaire is energized.
- Suitable for dry and damp locations (cannot come in direct contact with water).

DOWNLOAD DATA

Spec Sheets and Product Documents		Document name
	Product Family Spec Sheet	LEDlescentTMT8 LED 5 CCT Selectable T8 Family
	Product Family Spec Sheet	LEDlescent T8 Ballast-Free Lamps

DISCLAIMER

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