

PRODUCT DATASHEET

LED BF T8 Slimline 17.5W 4' FA8 FGP 841

LEDlescent™ LED T8 SLIMLINE | Slimline T8 lamps feature FA8 bases and PET coating for demanding installs

Areas of application

- Offices



Product features

- IP20 rated lamp: UL Damp Location
- IP65 rated with gasket; seal between lamp base OD and spacer gasket ID
- Efficacy up to 150 LPW
- CRI > 80
- No warm-up time, instant-on with full light output and stable lamp-to-lamp color
- Static color temperature
- Beam angle: 220° with shatter-resistant PET coated glass optics
- Field angle (10 %): 340°
- No UV emission
- 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
- Vibration tested under IEC 50598-1 4.2 Rough Service

TECHNICAL DATA

Additional product data

Base type	Fa8
Mercury content	0.0 mg
Ordering Abbreviation	LED17T8FA8L48FGP841BF
Abbrev. With Packaging Info.	LED17T8FA8L48FGP841BF 10/CS 1/SKU
SKU UPC	0046135423796
NAED	42379
Family Brand Name	LEDlescent™
General Description	4ft LEDlescent™ Type B LED T8, Glass with frosted shatter-resistant PET coating, Fa8 base, 46" MOL, 17.5W, 120-277V, 82 CRI, 2520 Lumens, 4100K, 50000 Hrs life. Include silicone spacer gasket for IP65 installation with approved tombstone.

Electrical data

Nominal Wattage	17.50 W
Nominal voltage	120.00...277.00 V
Claimed Equivalent Lamp Pwr	28 W

Photometrical data

Lumens	2520 lm
Efficacy	144
Color Temperature/CCT	4100 K
Color Rendering Index (CRI)	82
Light color	841

Dimensions & Weight

Overall length	1168.40 mm
Diameter	1 in
Product weight	0.61 lb

Materials & Colors

Lamp Finish	Frosted
Bulb shape	T8
Bulb Glass Type	PET COATED GLASS

Application & Mounting

Dimming	No
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Lifespan

Average Rated Life (hr)	50000
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Capabilities

Dimming	No
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Certificates & Standards

Certification Listing	RoHS
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Logistical data

SKU Qty	1
Case Qty	10
Case Length (in)	49.213
Case Width (in)	7.480
Case Depth (in)	3.347
Case Cube (ft)	0.713
Case Weight (lbs)	7.540
SKU UPC	0046135423796
Pallet Qty	650

Safety advice

- 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.
- See installation manual for wiring options.
- Ensure lamp holders/sockets are in good operating condition before installation and if any defects are detected, change the lamp holders/sockets.
- Ensure tubes are fully inserted and properly aligned in the lamp holders. Partial insertion can cause poor or intermittent electrical contact, leading to reduced lamp life and potential arcing, which may result in localized overheating.
- Not for use with other LED or fluorescent lamps in the same fixture.
- 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.
- 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.
- Make sure the lamps have the proper connections before restoring power.
- EM ballast that operates with fluorescent ballasts must be disconnected from the lamps.

DOWNLOAD DATA

	Spec Sheets and Product Documents	Document name
	Installation Guide	Installation Guide LEDlescent LED T8 SLIMLINE UL Type B Lamps
	Product Family Spec Sheet	LED610 LEDVANCE LAMPS LEDLESCENT™ LED T8 SLIMLINE UL TYPE B LAMPS

Photometric and lighting design files		Document name
	IES file (IES)	IES files LEDlescent LED T8 SLIMLINE UL Type B Lamps

DISCLAIMER

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