PRODUCT DATASHEET
LED BF T8 8FT 32W FG 850 DIM

LEDlescent™ LED T8 8FT | 8FT LEDlescent lamps offer full-length ballast-free operation on 120–277V

Areas of application

- Offices
- Grocery
- Warehouses
- Parking garages
- Retail

Product features

- Efficacy up to 138 LPW
- No warm-up time, instant-on with full light output and stable lamp-to-lamp color
- Static color temperature
- CRI > 80
- No risk of electrical arcing between the lamp pins and the lamp holders
- Double-ended wiring configuration
- No UV emission
- Beam angle: 200° with frosted glass optics
- 5-year limited lamp warranty (24/7 operation)

© 2026, LEDVANCE GmbH. All rights reserved.

TECHNICAL DATA

Additional product data

Base type	Fa8
Mercury content	0.0 mg
Ordering Abbreviation	LED32T8L96FGDIM850BFG2
Abbrev. With Packaging Info.	LED32T8L96FGDIM850BFG2 10/CS 1/SKU
SKU UPC	0046135420597
NAED	42059
Family Brand Name	LEDlescent™
General Description	8-foot LEDlescent™ ballast-free, LED T8, Frosted Glass, 32W, 120-277 Volts, 82 CRI, 4400 Lumens, 5000K, 50,000 hrs life, Dimmable
Warranty	5 years

Electrical data

Nominal Wattage	32.00 W
Nominal voltage	120.00…277.00 V
Claimed Equivalent Lamp Pwr	59 W

Photometrical data

Lumens	4400 lm
Efficacy	138
Color Temperature/CCT	5000 K
Color Rendering Index (CRI)	82
Light color	850

Dimensions & Weight

Overall length	2381.00 mm
Diameter	0.98 in
Product weight	0.88 lb

Materials & Colors

Lamp Finish	Frosted
Bulb shape	T8
Bulb Glass Type	SOFT GLASS

Application & Mounting

Dimming	Yes

Lifespan

Average Rated Life (hr)	50000

© 2026, LEDVANCE GmbH. All rights reserved.

Capabilities

Dimming	Yes

Certificates & Standards

Certification Listing	RoHS / FCC

Logistical data

SKU Qty	1
Case Qty	10
Case Length (in)	95.688
Case Width (in)	7.469
Case Depth (in)	3.875
Case Cube (ft)	1.603
Case Weight (lbs)	10.918
SKU UPC	0046135420597
Pallet Qty	550

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.
- 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.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during installation.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- 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).
- Suitable for dry and damp locations (cannot come in direct contact with water).

DOWNLOAD DATA

	Spec Sheets and Product Documents	Document name
PDF	Installation Guide	LED T8 LEDlescent Installation Manual
PDF	Product Family Spec Sheet	LEDlescent LED T8 8FT Ballast-Free Lamps

	Photometric and lighting design files	Document name
IES	IES file (IES)	LEDlescent LED T8 8ft Ballast-Free Lamps 8 ft 32W IES-LM79

© 2026, LEDVANCE GmbH. All rights reserved.

DISCLAIMER

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

© 2026, LEDVANCE GmbH. All rights reserved.