

PRODUCT DATASHEET

LED BF T8 XP 10.5W 4' FP 850 DIM

LEDlescent™ LED T8 XP® | T8 XP lamps feature a long 70,000-hour lifetime for extended service cycles



Areas of application

- Education
- Offices
- Grocery
- Warehouses
- Parking garages

Product features

- Efficacy up to 157 LPW
- CRI > 80
- No warm-up time, instant-on with full light output and stable lamp-to-lamp color
- Static color temperature
- Beam angle: 180° with frosted Nano Plastic optics
- Light emitting angle: 300°
- No UV emission
- Lamps are compatible with LEDVANCE Emergency Battery Backup (75740)
- 70,000 hours (L70)

TECHNICAL DATA

Additional product data

Base type	G13
Mercury content	0.0 mg
Ordering Abbreviation	LED10.5T8L48FPDIM850XPBF
Abbrev. With Packaging Info.	LED10.5T8L48FPDIM850XPBF 25/CS 1/SKU
SKU UPC	0046135415999
NAED	41599
Family Brand Name	LEDlescent™ XP®
General Description	4ft, LEDlescent™ XP® Extended Performance, Ballast-Free Dimmable LED T8, Nano Plastic, 10.5W, 120-277V, 82 CRI, 1650 Lumens, 5000 K, 70000 hrs extra Life
Warranty	7 years

Electrical data

Nominal Wattage	10.50 W
Nominal voltage	120.00...277.00 V
Claimed Equivalent Lamp Pwr	32 W

Photometrical data

Lumens	1650 lm
Efficacy	157
Color Temperature/CCT	5000 K
Color Rendering Index (CRI)	82
Light color	850

Dimensions & Weight

Overall length	1212.00 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	Yes
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Lifespan

Average Rated Life (hr)	70000
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Capabilities

Dimming	Yes
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Certificates & Standards

Certification Listing	RoHS / FCC / cULus
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Logistical data

SKU Qty	1
Case Qty	25
Case Length (in)	48.375
Case Width (in)	7.000
Case Depth (in)	5.875
Case Cube (ft)	1.151
Case Weight (lbs)	12.233
SKU UPC	0046135415999
Pallet Qty	750

Optional accessories

Product image	Product name	UPC
	EMBB 2A 21W UNV DIM DC	OS75740

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).
- 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 XP LED T8 Install Manual Type B
	Product Family Spec Sheet	LEDlescent™ XP® LED T8 UL TYPE B LAMPS

DISCLAIMER

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