

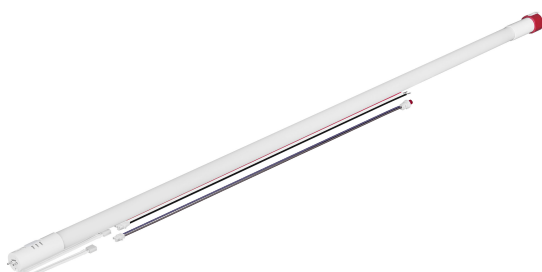
PRODUCT DATASHEET

LED BFE T8 14W 48 FG SC7

LEDlescent™ EmergeSAFE™ EMBB LED T8 Lamps | LEDVANCE LEDlescent™ EmergeSAFE™ lamps are certified to UL924 under the ANSI standard for Emergency Lighting and Power Equipment

Areas of application

- Offices
- Education
- Retail
- Warehouses
- Parking garages



Product features

- Easy battery shutoff switch ships in “OFF” mode to preserve battery life
- Built-in lithium battery
- Two functions from one tube: regular T8 lamp with backup battery for emergency operation
- Selectable CCT: 3500/4100/5000K
- Regular mode: 14.5W power and 2000 lumens
- Emergency mode: 3.5W and 430 lumens
- No warm-up time, instant-on with full light output
- Beam angle: 200° with internally coated glass optics
- No UV emission
- Installed directly on 120-277 VAC
- Non-Dimmable (No DLC 5.1)

TECHNICAL DATA

Additional product data

Base type	G13
Mercury content	0.0 mg
Ordering Abbreviation	LED14T8L48FG8SC7BFE
Abbrev. With Packaging Info.	LED14T8L48FG8SC7BFE 10/CS 1/SKU
SKU UPC	0046135421693
NAED	42169
Family Brand Name	LEDlescent™
General Description	4ft, LEDlescent™ Ballast-Free LED T8, frosted glass, 14.5W, 120-277V, 82 CRI, 2000 Lumens, 3500K/4100K/5000KCCT Selectable , 50,000 hrs Life, with integrated emergency battery back up.

Electrical data

Nominal Wattage	14.50 W
Nominal voltage	120.00...277.00 V
Claimed Equivalent Lamp Pwr	32 W

Photometrical data

Lumens	2000 lm
Efficacy	138
Color Temperature/CCT	3500/4100/5000 K
Color Rendering Index (CRI)	82
Light color	835

Dimensions & Weight

Overall length	1214.00 mm
Diameter	1.17 in
Product weight	0.64 lb

Materials & Colors

Lamp Finish	Frosted
Bulb shape	T8
Bulb Glass Type	SOFT GLASS

Application & Mounting

Dimming	No
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Temperatures & operating conditions

Ambient temperature range	-20...+45 °C
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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 / FCC / cULus
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Logistical data

SKU Qty	1
Case Qty	10
Case Length (in)	50.125
Case Width (in)	7.438
Case Depth (in)	4.375
Case Cube (ft)	0.944
Case Weight (lbs)	10.827
SKU UPC	0046135421693
Pallet Qty	500

EQUIPMENT / ACCESSORIES

- Included in the SKU box: UL Type B LED T8 EMBB lamp, installation guide, luminaire marking label, red endcap adaptor, fixed clip accessory, external test switch (2p connector), and an AC power terminal wires (3p connector)

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.
- Not for use with other LED or fluorescent lamps in the same fixture.
- Do not install LED Type B Emergency Back up lamps in the same fixture as Type A, ballast-compatible lamps.
- 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.
- If the luminaire mounting height is more than 8ft, add an additional EMBB lamp(s) to the luminaire to meet the required foot candle levels (per ANSI).
- 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 kit 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 32°F and 113°F (0°C and 45°C).
- Storage temperature range between 23°F and 113°F (-5°C and 45°C).
- Suitable for use in dry and damp locations.

DOWNLOAD DATA

Spec Sheets and Product Documents		Document name
	Installation Guide	Installation guide LEDlescent Emergency Back-up
	Product Family Spec Sheet	LED602: LEDlescent™ LED T8 EMBB UL TYPE B LAMPS
Photometric and lighting design files		Document name
	IES file (IES)	IES files for T8 LED lamp with integrated emergency battery backup

DISCLAIMER

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