



PRODUCT DATASHEET

LED BF T5 HE 14W 4' FG 850 DIM

LEDlescent™ LED T5 High Efficiency | T5 High Efficiency lamps replace fluorescents with direct 120–277V operation



Areas of application

- Offices
- Grocery
- Warehouses
- Parking garages
- Retail

Product features

- Efficacy up to 145 LPW
- CRI > 80
- No lamp polarity
- No warm-up time, instant-on with full light output and stable lamp-to-lamp color
- Static color temperature
- Beam angle: 180° with frosted glass optics
- Light emitting angle: 320°
- No UV emission
- Operated directly on 120-277V

TECHNICAL DATA

Additional product data

Base type	G5
Mercury content	0.0 mg
Ordering Abbreviation	LED14T5HEL48FGDIM850BFG2
Abbrev. With Packaging Info.	LED14T5HEL48FGDIM850BFG2 25/CS 1/SKU
SKU UPC	0046135415845
NAED	41584
Family Brand Name	LEDlescent™
General Description	4ft, LEDlescent™ Ballast-free LED T5HE, frosted glass, 14W, 120-277V, 82 CRI, 2000 Lumens, 5000 K CCT, 50000 hrs Life, Dimmable
Warranty	5 years

Electrical data

Nominal Wattage	14.00 W
Nominal voltage	120.00...277.00 V
Claimed Equivalent Lamp Pwr	28 W

Photometrical data

Lumens	2100 lm
Efficacy	150
Color Temperature/CCT	5000 K
Color Rendering Index (CRI)	82
Light color	850

Dimensions & Weight

Overall length	1163.20 mm
Diameter	0.67 in
Product weight	0.35 lb

Materials & Colors

Lamp Finish	Frosted
Bulb shape	T5
Bulb Glass Type	SOFT GLASS

Application & Mounting

Dimming	Yes
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Temperatures & operating conditions

Ambient temperature range	-20...+50 °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	RoHS / CSA / FCC
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Logistical data

SKU Qty	1
Case Qty	25
Case Length (in)	46.535
Case Width (in)	5.000
Case Depth (in)	4.567
Case Cube (ft)	0.615
Case Weight (lbs)	9.912
SKU UPC	0046135415845
Pallet Qty	2,000

Safety advice

- Please read and comply with all instructions before attempting installation.
- Do not use with external LED drivers or ballasts.
- 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.
- Ensure lamp holders/sockets are in good operating condition before installation.
- Do not install LED lamps and fluorescent lamps in the same fixture
- Best practice: cap off the remaining ballast wires should the ballast be left in the fixture after disconnecting.
- 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).
- Compatible with Philips Bodine ELI-S-20 Emergency Lighting Inverters and IOTA inverter models IIS-25-I, IIs-35-I, IIS-50-1, IIS125, IIS-375, IIS-550
- 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	LEDlescent LED T5HE UL Type B Lamps

DISCLAIMER

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