PRODUCT DATASHEET
LED T8 BF 2S 36" 12W FP SC15

LEDlescent™ 360 SELECT™ LED T8 Signage Lamps | LEDVANCE LEDlescent™ 360 SELECT™ T8 Ballast-Free, Direct Wire lamps are energy-efficient replacements for high-output T8 and T12 fluorescent signage lamps



Areas of application

- Signage and illuminated advertising

Product features

- R17d bases rotate to optimize light output, making these lamps ideal for both single- and double-sided signs
- Selectable CCT: 4100/5000/6500K
- Up to 51 % energy savings when replacing T8HO Systems. When replacing T12HO systems, energy savings double
- Finish: frosted plastic
- No warm-up time, instant-on with full light output and stable lamp-to-lamp color
- Effective 360° beam spread
- No UV emission

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TECHNICAL DATA

Additional product data

Base type	R17d
Mercury content	0.0 mg
Ordering Abbreviation	LED12T8L36FP8SC15BF-2S
Abbrev. With Packaging Info.	LED12T8L36FP8SC15BF-2S 10/CS 1/SKU
SKU UPC	0046135421396
NAED	42139
Family Brand Name	LEDVANCE LEDlescent™
General Description	36" LEDlescent™ Ballast-Free LED T8, Frosted Plastic, Sign Lamp, 360 LEA, 12W, 120-277 Volts, 4100K/5000K/6500K CCT Selectable, 83 CRI, 1750 lumens, R17d Base, 50,000 hours life
Warranty	5 years

Electrical data

Nominal Wattage	12.00 W
Nominal voltage	120.00…277.00 V

Photometrical data

Lumens	1750 lm
Efficacy	146
Color Temperature/CCT	4100/5000/6500 K
Color Rendering Index (CRI)	83
Light color	841

Dimensions & Weight

Overall length	914.40 mm
Diameter	1 in
Product weight	0.47 lb

Materials & Colors

Lamp Finish	Frosted
Bulb shape	T8
Bulb Glass Type	PLASTICS

Application & Mounting

Dimming	No

Lifespan

Average Rated Life (hr)	50000

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Capabilities

Dimming	No

Certificates & Standards

Certification Listing	RoHS / FCC

Logistical data

SKU Qty	1
Case Qty	10
Case Length (in)	35.748
Case Width (in)	7.874
Case Depth (in)	4.921
Case Cube (ft)	0.802
Case Weight (lbs)	5.831
SKU UPC	0046135421396
Pallet Qty	540

Safety advice

- Please read and comply with all instructions before attempting installation.
- For new UL Type B installations, follow the recommended double-ended wiring instructions. Single-ended wiring is approved only for existing UL Type B setups previously configured that way.
- 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.
- 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 and if any defects are detected, change the lamp holders/sockets.
- 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.
- Do not expose wiring to edges of sheet metal or other sharp objects.
- Make sure the lamps have the proper connections before restoring power.

DOWNLOAD DATA

	Spec Sheets and Product Documents	Document name
PDF	Installation Guide	T8 LEDlescent Sign Lamps Installation Manual
PDF	Product Family Spec Sheet	LEDVANCE 360 SELECT T8 UL Type B Signage Lamps

DISCLAIMER

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

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