PRODUCT DATASHEET
LED SUB T5HE 10W 3' FG 830

SubstiTUBE® LED T5 High Efficiency | SYLVANIA SubstiTUBE Ballast Compatible LED T5 High Efficiency

Areas of application

- Offices
- Education
- Grocery & Retail
- Warehouse & Distribution

Product features

- Compatible with select programmed rapid start electronic T5 ballasts with input voltage of 120-277V and 347V. See ballast compatibility list for details
- No warm-up time, instant-on with full light output and stable lamp-to-lamp color
- No lamp polarity
- CRI > 80
- Efficacy up to 125 LPW
- Static color temperature
- Beam angle: 180° with frosted glass optics. Light emitting area: 320°
- Dimmable down to 10% with 0-10V compatible dimmable ballasts
- NSF-ANSI Standard 2 – Food Equipment

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TECHNICAL DATA

Additional product data

Base type	G5
Mercury content	0.0 mg
Ordering Abbreviation	LED10T5HEL36FG830SUBG2
Abbrev. With Packaging Info.	LED10T5HEL36FG830SUBG2 25/CS 1/SKU
SKU UPC	0046135420443
NAED	42044
Family Brand Name	SubstiTUBE®
General Description	3ft SubstiTUBE® LED T5 HE, UL Type A, Frosted Glass, 10W, 3000K, 82 CRI, 1400 lumens, 50,000 hours life, Operates on compatible ballast
Warranty	5 years

Electrical data

Nominal Wattage	10.00 W
Nominal voltage	120.00…277.00 V
Claimed Equivalent Lamp Pwr	21 W

Photometrical data

Lumens	1400 lm
Efficacy	140
Color Temperature/CCT	3000 K
Color Rendering Index (CRI)	82
Light color	830

Dimensions & Weight

Overall length	907.01 mm
Diameter	0.67 in
Product weight	0.26 lb

Materials & Colors

Lamp Finish	Frosted
Bulb shape	T5
Bulb Glass Type	SOFT GLASS

Application & Mounting

Dimming	No

Temperatures & operating conditions

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Ambient temperature range	-20…+45 °C

Lifespan

Average Rated Life (hr)	50000

Capabilities

Dimming	No

Certificates & Standards

Certification Listing	RoHS / CSA / FCC

Logistical data

SKU Qty	1
Case Qty	25
Case Length (in)	35.630
Case Width (in)	6.496
Case Depth (in)	6.299
Case Cube (ft)	0.844
Case Weight (lbs)	7.465
SKU UPC	0046135420443
Pallet Qty	1,225

Safety advice

- Test on existing ballasts before mass quantities are installed.
- Not for use with ballasts more than ten years old.
- Must consult the ballast compatibility list to ensure that the lamp and ballast combination is deemed compatible.
- Refer to the installation manual included inside the packaging.
- 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 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 on the same ballast.
- De-lamp is not allowed for ISH ballasts.
- For approved ISN and ISL ballasts, de-lamp is allowed for only 1 lamp so long as the ballast factor remains below 1.20 (for example, 4 lamp ballast can de-lamp to 3 lamps).
- 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).
- Maximum mounting distance between tube and ballast is 20 feet.

DOWNLOAD DATA

	Spec Sheets and Product Documents	Document name
PDF	Product Family Spec Sheet	SubstiTUBE LED T5HE UL Type A Lamps

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	Photometric and lighting design files	Document name
	IES file (IES)	IES files for SubstiTUBE T5HE LED lamps

DISCLAIMER

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

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