



PRODUCT DATASHEET

LED SUB T5HO 24W 4' FG 830 DIM

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



Areas of application

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

Product features

- Available in 4ft
- 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°
- No UV emission
- NSF-ANSI Standard 2 – Food Equipment
- Dimmable down to 10% with 0-10V compatible dimmable ballasts

TECHNICAL DATA

Additional product data

Base type	G5
Mercury content	0.0 mg
Ordering Abbreviation	LED24T5HOL48FGDIM830SUBG9
Abbrev. With Packaging Info.	LED24T5HOL48FGDIM830SUBG9 25/CS 1/SKU
SKU UPC	0046135415920
NAED	41592
Family Brand Name	SubstiTUBE®
General Description	4ft, SubstiTUBE® T5 HO UL Type A, Frosted glass, 24W, 3000K, 82 CRI, 3400 Lumens, 50,000 hrs life, Operates on compatible ballast, Dimmable
Warranty	5 years

Electrical data

Nominal Wattage	24.00 W
Nominal voltage	120.00...277.00 V
Claimed Equivalent Lamp Pwr	54 W

Photometrical data

Lumens	3400 lm
Efficacy	142
Color Temperature/CCT	3000 K
Color Rendering Index (CRI)	82
Light color	830

Dimensions & Weight

Overall length	1163.18 mm
Diameter	0.67 in
Product weight	0.33 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 / FCC
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Logistical data

SKU Qty	1
Case Qty	25
Case Length (in)	47.441
Case Width (in)	6.496
Case Depth (in)	6.299
Case Cube (ft)	1.123
Case Weight (lbs)	9.779
SKU UPC	0046135415920
Pallet Qty	1,050

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.
- Operating temperature range between -4°F and 113°F (-20°C and 45°C).
- Maximum mounting distance between tube and ballast is 20 feet.
- Suitable for dry and damp locations (cannot come in direct contact with water).
- Due to the programmed rapid start coil-heat circuitry, start times of lamps within a fixture may vary, but all reach maximum lumen output in less than one second.
- This product cannot be used with High Output Ballasts.
- No de-lamping allowed for any SubstiTUBE™ T5HO products.
- Should a lamp fail in the application, replace it immediately to avoid an N-1 condition.

DOWNLOAD DATA

Spec Sheets and Product Documents		Document name
	Product Family Spec Sheet	SubstiTUBE LED T5HO UL Type A Lamps
Photometric and lighting design files		Document name
	IES file (IES)	IES files for SubstiTUBE T5HO LED lamps

DISCLAIMER

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