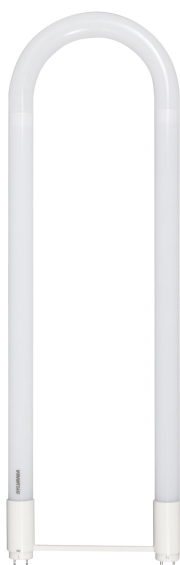


PRODUCT DATASHEET

LED SUB T8 CURVALUME 13W U-Bend FP 850 DIM IPS

SYLVANIA SubstiTUBE® CURVALUME® IPS LED T8 | SYLVANIA SubstiTUBE Ballast Compatible UL Type A CURVALUME® IPS LED T8



Areas of application

- Education
- General illumination
- Offices
- Parking garages

Product features

- Static color temperature
- Dimmable down to 10% with compatible 0-10V ballast
- Compatible with instant start and select programmed rapid start (parallel-wiring) electronic T8 ballasts with input voltage of 120-277V and 347V
- G13 medium bi-pin base
- Can be used in enclosed (lens or diffuser) luminaire
- Not approved for use in vapor tight or sealed luminaire
- Glass free and impact resistant
- No warm-up time, instant-on with full light output and stable lamp-to-lamp color
- Lifetime (L70): up to 50,000 h
- NSF-ANSI Standard 2 – Food Equipment
- Maximize energy savings with occupancy sensors
- Reduces energy consumption up to 43 %



TECHNICAL DATA

Additional product data

Base type	G13
Mercury content	0.0 mg
Ordering Abbreviation	LED13T8/U/FP/DIM/850/SUB/G8
Abbrev. With Packaging Info.	LED13T8UFPDIM850SUBG8 10/CS 1/SKU
SKU UPC	0046135405839
NAED	40583
Family Brand Name	SubstiTUBE®
General Description	LED T8 UBEND Curvalume, 13W, 83CRI, 2100 Lumen, 5000K, 50000 life
Warranty	5 years

Electrical data

Nominal Wattage	13.00 W
Nominal voltage	120.00...277.00 V
Claimed Equivalent Lamp Pwr	32 W
Type of current	AC

Photometrical data

Lumens	2100 lm
Efficacy	162
Color Temperature/CCT	5000 K
Color Rendering Index (CRI)	83
Light color	850

Dimensions & Weight

Overall length	565.99 mm
Diameter	1.02 in
Product weight	0.43 lb

Materials & Colors

Lamp Finish	Frosted
Bulb shape	T8
Bulb Glass Type	PLASTICS

Application & Mounting

Dimming	Yes
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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	CSA / FCC / cULus / RoHS
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Logistical data

SKU Qty	1
Case Qty	10
Case Length (in)	23.313
Case Width (in)	7.938
Case Depth (in)	11.625
Case Cube (ft)	1.245
Case Weight (lbs)	6.059
SKU UPC	0046135405839
Pallet Qty	400

Safety advice

- Test on existing ballasts before mass quantities are installed.
- Not for use with older dedicated voltage (120V or 277V) ballasts.
- 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.
- All installation, inspection, and maintenance of lighting fixtures should be done with the power to the fixture turned off.
- 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.
- 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.
- 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).
- Maximum mounting distance between tube and ballast is 20 feet.
- For instant start ballasts, use lamp holders with an internal shunt or ensure that lamp holders are wired in a shunt configuration.
- Not for use with other LED or fluorescent lamps on the same ballast.
- Not for use with magnetic ballasts.
- Please read and comply with all instructions before attempting installation.
- For Programmed Rapid Start ballasts, use rapid-start lamp holders (non-shunted lamp holders).
- The SubstiTUBE® IPS LED T8 is not affected by switching cycles, occupancy or vacancy sensors, and thus can be installed with the existing instant start ballasts for optimal energy saving.

DOWNLOAD DATA

Spec Sheets and Product Documents		Document name
	Installation Guide	SubstiTUBE IPS LED T8 Installation Guide
	Installation Guide	Install Guide SubstiTUBE T8 LED U-Bend lamps 13W
	Product Family Spec Sheet	SubstiTUBE CURVALUME IPS LED T8

DISCLAIMER

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