

PRODUCT DATASHEET

LED SUB T8 ECO 16W 4' FG 850

SYLVANIA ECO LED T8 | SYLVANIA ECO LED Ballast Compatible UL Type A LED T8



Areas of application

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

Product features

- Compatible LED T8 with optimized glass optics and G13 medium bi-pin base
- Minimizes labor & recycling costs by operating on most popular existing ballasts
- No warm-up time, instant-on with full light output and stable lamp-to-lamp color
- Approved for use with tube guards
- No UV emission
- Maximize energy savings with occupancy sensors
- Static color temperature
- Efficacy up to 135 LPW
- CRI ≥ 80
- Beam angle: 220°. Light emitting area: 340°
- Compatible with instant start electronic T8 ballasts with input voltage of 120-277V and 347V. See ballast compatibility list for details



TECHNICAL DATA

Additional product data

Base type	G13
Mercury content	0.0 mg
Ordering Abbreviation	ECOLED16T8L48FG850TYPEA
Abbrev. With Packaging Info.	ECOLED16T8L48FG850TYPEA 25/CS 1/SKU
SKU UPC	0046135409684
NAED	40968
Family Brand Name	ECO LED
General Description	4ft ECO LED TYPE A T8 Instant Start Only, frosted glass, 16W, 80CRI, 2160 Lumen, 5000K, 50000 life
Warranty	5 years

Electrical data

Nominal Wattage	16.00 W
Nominal voltage	120.00...277.00 V
Claimed Equivalent Lamp Pwr	32 W
Type of current	AC

Photometrical data

Lumens	2160 lm
Efficacy	135
Color Temperature/CCT	5000 K
Color Rendering Index (CRI)	80
Light color	850

Dimensions & Weight

Overall length	1212.19 mm
Diameter	1.02 in
Product weight	0.42 lb

Materials & Colors

Lamp Finish	Frosted
Bulb shape	T8
Bulb Glass Type	SOFT GLASS

Application & Mounting

Dimming	No
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Temperatures & operating conditions

Ambient temperature range	-20...+45 °C
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Lifespan

Average Rated Life (hr)	50000
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Capabilities

Dimming	No
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Certificates & Standards

Certification Listing	CSA / cULus / DLC / FCC / RoHS
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Logistical data

SKU Qty	1
Case Qty	25
Case Length (in)	48.500
Case Width (in)	5.938
Case Depth (in)	7.000
Case Cube (ft)	1.167
Case Weight (lbs)	12.002
SKU UPC	0046135409684
Pallet Qty	1,050

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.
- 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.
- 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.
- For instant start ballasts, use lamp holders with an internal shunt or ensure that lamp holders are wired in a shunt configuration.
- No de-lamping is allowed.
- Suitable for use in dry and damp locations.
- Maximum mounting distance between tube and ballast is 20 feet.
- Not for use with other LED or fluorescent lamps on the same ballast.

DOWNLOAD DATA

Spec Sheets and Product Documents		Document name
	Product Family Spec Sheet	ECO LED T8 Type A
	Product Family Spec Sheet	ECO LED T8 Type A

DISCLAIMER

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