



project name	type
catalog number	voltage
approved by	date

T8 TYPE-B LED 8FT T8 REPLACEMENT

High efficiency 8-foot LED T8 tube delivers up to 5500 lumens with up to 50,000 hours life. Designed to replace conventional fluorescent T8 and T12 tubes, it offers easy retrofit with double-ended wiring and interchangeable end caps, delivering reliable energy-saving performance in commercial and industrial spaces.



SPECIFICATIONS

INTENDED USE

- Solid state replacement for high output 8-foot T8 and T12 fluorescent lamps
- Direct replacement of single-pin LED slimline with HO-equivalent lumen output

CONSTRUCTION & INSTALLATION

- Frosted glass T8 tube
- Double ended wiring
- 8-foot length
- Type B ballast bypass
- FA8 end cap by default, tube comes with an optional R17D end cap not covered by DLC

ELECTRICAL

- Power: 40W
- Input Voltage: 120-277V, 50/60 Hz
- Power Factor: >0.9
- THD: <20%

OPTICAL

- Instant-on with no warm up like fluorescents
- CCT: 5000K
- CRI: 80+
- Lumens: up to 5500 lm
- Beam Angle: 210°
- L70 Rated Life: up to 50,000 hours

ENVIRONMENTAL RATINGS

- Operating Temperature: -4°F to 113°F (-20°C to 45°C)
- Suitable for use in dry and damp locations
- Enclosed fixtures rated.

OTHER

- UL certified for both US and Canada
- NSF/ANSI Standard 2 - Food Equipment (Lighting Tubes for Food Zone (Non-Contact), Splash Zone, and Non-Food Zone)

WARRANTY

- 5 Year limited warranty available [online](#). Contact your Eiko sales rep for additional details.

FEATURES

INTERCHANGEABLE END CAPS



R17D Cap



Clamp

APPLICATIONS

- Tunnels
- Stairwells
- Cold Storage
- Production Areas
- Backlit Display Panels
- Commercial Kitchens
- Shipping/Receiving
- Warehouses
- Exterior Perimeter
- Parking Garage
- Train Stations
- Food Processing units

AVAILABLE MODELS

ORDER CODE	MODEL #	SIZE	WATTAGE EQUIVALENCY	WATTS (W)	LUMEN OUTPUT (LM)	COLOR TEMPERATURE (K)	EFFICACY (LM/W)	CRI
120-277V								
16562	L40WT8-96-BDG-850-U	8ft	96W Fluorescent	40W	5500 lm	5000K	138	80+

ORDERING GUIDE

MODEL CONFIGURATOR							
MODEL	WATTS	LAMP TYPE	SIZE	UL TYPE, WIRING CONFIGURATION, MATERIAL	CRI	TEMPRATURE	INPUT VOLTAGE
L		T8	96	BDG	8		U
L - LED	40W - 40 Watts	T8 - Tube Size	96 - 96 inches	BDG - Type B, Double Ended, Glass	8 - CRI 80+	50 - 5000K	U - 120-277V

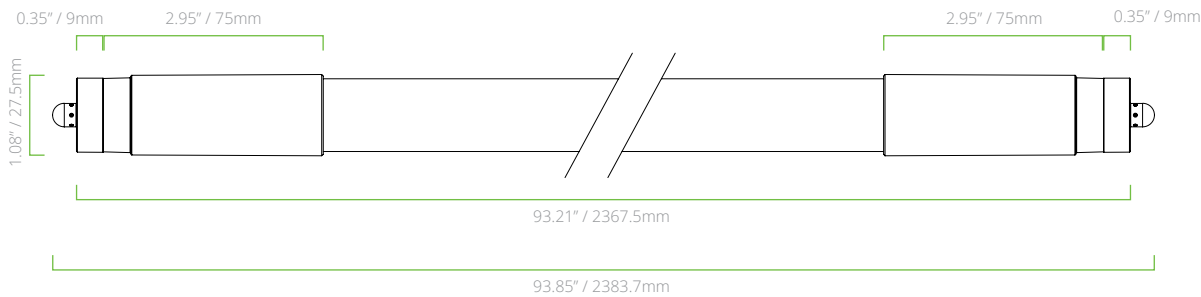
EXAMPLE PART NUMBER: L40WT8-96-BDG-850-U

DLC LISTING INFORMATION

ORDER CODE	MODEL NUMBER	PRODUCT ID	CLASSIFICATION	PRIMARY USE DESIGNATION
16562	L40WT8-96-BDG-850-U	S-SFYBT2	Standard	Internal Driver/Line Voltage (UL Type B) Lamps

PRODUCT DIMENSIONS

With FA8 end cap (DLC Qualified for FA8 operation)



With R17D end cap (R17D not covered by DLC)

