EcoLite™
Leader in LED Lighting

STELLAR LUMEN 8FT TUBE
SPECIFICATION SHEET
ECO-LS

Stellar Lumen 8ft Tube LED Light I

ECO-LS
120-277


8 ft FA8 LED T8 Tube

KEY SPECS

POWER	COLOR	EFFICACY	OPTICS
36W	2CCT	120–130lm/W	120°
Rated output	4000 / 5000 K	System efficacy	Beam angle

Stellar Lumen 8ft Tube is a single-pin 8-foot FA8 LED T8 tube with an aluminum housing and a frosted high-transmission polycarbonate lens delivering a 120° beam for uniform area illumination. The bypass-ballast design operates on 120–277 V line voltage with double-ended wiring and is rated for dry and damp indoor locations from -20 to +45°C. Listed to ETL, cETL, and DLC standards for utility rebate eligibility, and backed by EcoLite's 10-year non-prorated warranty.

- Office lighting
- Meeting & conference rooms
- Retail & store lighting
- Restaurant lighting

FEATURES

01 Single-pin FA8 base, 8 ft length
02 Bypass-ballast design, double-ended wiring
03 120–277 V universal input
04 120° beam angle with frosted PC lens
05 50,000-hour rated lifetime
06 ETL, cETL, and DLC listed

ETL Listed US · ETL Listed C US · DLC Listed · 10 Year Non-Prorated Warranty · EFFICACY 120–130 LM/W · CRI 80+ TRUE COLOR

01 ORDER INFORMATION

SKU / MODEL	SIZE	WATTAGE	CCT	VOLTAGE
ECO-LS-8FT-T8-36W-40K-FC	8 ft	36 W	4000 K	120-277
ECO-LS-8FT-T8-36W-50K-FC	8 ft	36 W	5000 K	120-277

02 ELECTRICAL CHARACTERISTICS

SPECIFICATION	36 W
Size	8 ft
LED Driver	UL-listed driver
Wattage	36 W
Lumen Output	4,320 lm
Efficacy (lm/W)	120–130 lm/W
CRI	>80
Color Temperature (CCT)	4000 K / 5000 K
Input Voltage	120–277 V AC
Beam Angle	120°
Operating Temperature	-20 to +45°C
Junction Temperature	<75°C
Lamp Efficiency	≥90%
Certifications	ETL, cETL, DLC
HID Equivalent	24–60 W MH / HPS

03 ACCESSORIES & MOUNTING



EMERGENCY BATTERY BACKUP

ECO-LSED20W

04 DIMENSIONS

MODEL	LENGTH	WIDTH	HEIGHT
ECO-LS-8FT-T8-36W-40K-FC	93.2" / 2367 mm	1.32" / 34 mm	1.15" / 29 mm
ECO-LS-8FT-T8-36W-50K-FC	93.2" / 2367 mm	1.32" / 34 mm	1.15" / 29 mm

Linear extrusion · Dimensions Illuminated length: 92.4" · inches [mm]

05 SAFETY WARNING

⚠ READ BEFORE INSTALLATION

1. Installation must be performed by a qualified, licensed electrician in accordance with all applicable national and local electrical codes.