EcoLite™
Leader in LED Lighting

STELLAR LUMEN 4 EMBBU TUBE
SPECIFICATION SHEET
ECO-LS-EMT8-18WBC-50K

Stellar Lumen 4 EMBBU Tube LED Light I

ECO-LS-EMT8-18WBC-50K
120-277



KEY SPECS

POWER	COLOR	EFFICACY	OPTICS
18W	1CCT	115lm/W	120°
Rated output	5000 K	System efficacy	Beam angle

Stellar Lumen 4 EMBBU Tube is a 4 ft T8 emergency-backup LED tube that drops directly into existing fluorescent fixtures once the starter and ballast are bypassed. A polymer lithium-ion battery delivers over 120 minutes of emergency runtime at 1,100 lm, with a hidden activation switch, test button, and dual charge/full indicators for code compliance. The universal 120–277 V AC driver supports a 120° distribution and field-selectable CCT, and the tube includes automatic monthly self-test with fault alarm. Backed by EcoLite's 10-year non-prorated warranty.

- Office lighting
- Meeting room lighting
- Retail & store lighting
- Restaurant lighting

FEATURES

01 4 ft T8 emergency LED tube
02 120+ minute emergency runtime at 1,100 lm
03 Field-selectable 3500K / 4000K / 5000K / 6000K
04 Automatic monthly self-test with fault alarm
05 Universal 120–277 V AC input
06 Polymer lithium-ion battery backup

ETL LISTED US · FCC · THE LED INDUSTRY'S ONLY 10 Year Non-Prorated WARRANTY

COLOR SELECT
FIELD SELECTABLE

EMERGENCY
120+ MIN / 1,100 LM

110+ LM/W
HIGH EFFICACY

01 ORDER INFORMATION

SKU / MODEL	WATTAGE	CCT	VOLTAGE
ECO-LS-EMT8-18WBC-50K	18 W	5000 K	120-277
ECO-LS-EMT8-18WBF-50K	18 W	5000 K	120-277

02 ELECTRICAL CHARACTERISTICS

SPECIFICATION	18 W
Wattage	18 W
Lumen Output	2,000 lm ±5%
Emergency Luminous Flux	1,100 lm ±5%
Efficacy (lm/W)	115 lm/W ±5%
CRI	>80
Color Temperature (CCT)	3500K / 4000K / 5000K / 6000K
Input Voltage	120–277 V AC
Beam Angle	120°
Input Current	0.182 A @ 90 VAC / 0.090 A @ 277 VAC
Frequency	47–63 Hz
Power Factor	>0.99 @ 90 VAC / 0.91 @ 277 VAC
Recharge Time	>10 hrs
Emergency Duration	120 min
Emergency Power	5–8 W
Battery	Polymer lithium-ion (11.1 V, 2 Ah)
THD	≤20%
LED Source	SMD2835

03 DIMENSIONS

MODEL	LENGTH	DIAMETER
ECO-LS-EMT8-18WBC-50K	47.72" / 1212 mm	1.12" / 28 mm

Linear extrusion · Dimensions ±0.2" · inches [mm]

04 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.