EcoLite™
Leader in LED Lighting

STELLAR LUMA 4 AB CLEAR TUBE
SPECIFICATION SHEET
ECO-LS-SMDT8-16WABC50K

Stellar Luma 4 AB Clear Tube LED Light I

ECO-LS-SMDT8-16WABC50K

120-277



KEY SPECS

POWER	COLOR	EFFICACY	OPTICS
16W	1CCT	130lm/W	120°
Rated output	5000 K	System efficacy	Beam angle

Stellar Luma 4 AB Clear Tube is a 4 ft T8 retrofit lamp built on an aluminum housing with a high-transmission polycarbonate lens for uniform 120° light distribution. The lamp accepts universal 120–277 V input and supports both Type A operation with most instant-and programmed-start electronic ballasts and Type B single-or double-ended bypass wiring, simplifying retrofits across mixed installed bases. Suitable for dry and damp indoor locations from -4°F to +113°F, ETL/cETL listed and DLC qualified for utility rebates, and backed by EcoLite's 10-year non-prorated warranty.

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

FEATURES

01 4 ft G13 bi-pin T8 retrofit lamp

02 Type A + B operation (ballast-compatible or bypass)

03 Single-or double-ended bypass wiring

04 Universal 120–277 V input

05 Up to 140 lm/W efficacy

06 50,000-hour rated life

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

EFFICACY UP TO 140 LM/W

UNIVERSAL 120-277V

01 ORDER INFORMATION

SKU / MODEL	SIZE	WATTAGE	CCT	VOLTAGE
ECO-LS-SMDT8-16WABC50K	4 ft	16 W	5000 K	120-277

02 ELECTRICAL CHARACTERISTICS

SPECIFICATION	16 W
Size	4 ft
LED Driver	UL-listed driver
Wattage	16 W
Lumen Output	2,080 lm
Efficacy (lm/W)	130 lm/W
CRI	>80
Color Temperature (CCT)	5000 K
Input Voltage	120–277 V AC
Beam Angle	120°
Operating Temperature	-4°F to +113°F
Junction Temperature	<75°C
Lamp Efficiency	≥90%
HID Equivalent	24–60 W MH/HPS
Certifications	ETL, cETL, DLC

03 ACCESSORIES & MOUNTING



EMERGENCY DRIVER 20W

ECO-LSED20W

04 DIMENSIONS

MODEL	LENGTH	WIDTH	HEIGHT
ECO-LS-SMDT8-16WABC50K	47.17” / 1198 mm	1.32” / 34 mm	1.15” / 29 mm

Linear extrusion · Dimensions Illuminated length 45.47 in. · 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.