

T8BDA Series

Type B Amber-Coated T8 LED Tube

Project _____

Date _____ Type _____



Description

T8BDA LED tubes are a long-lasting linear lighting solution that filter out harmful UV light—amber coating blocks light under 520 nanometers. Tubes are Type B and have standard G13 connections on each end.

Mechanical

- Aluminum end caps and polycarbonate lens
- 4 ft T8-style tube with G13 bi-pin connection
- -4°–113° F (-20°–45° C) operating temperature

Electrical

- 120–277 VAC input
- ≥ 0.9 power factor
- Type B (ballast bypass, single-ended or dual-ended)
- 50,000-hour rated (L70) LED lifetime
- instant-on, cold-start, and flicker-free light

Optics

- 100 lm/W
- Amber coating blocks light under 520 nm wavelength and eliminates the need for sleeves
- Wide 180° beam angle

Applications

Ideal for troffers in applications that require minimal UV rays, such as clean rooms, manufacturing plants, or photo labs. Also great for deterring bugs by installing in enclosed, watertight fixtures at boat docks, park pavilions, and wildlife areas.

Certifications and Compliances

These are UL Classified to in compliance with UL 1598C and are intended for use in damp or dry locations.



Available Models

- T8BDA-30K18A

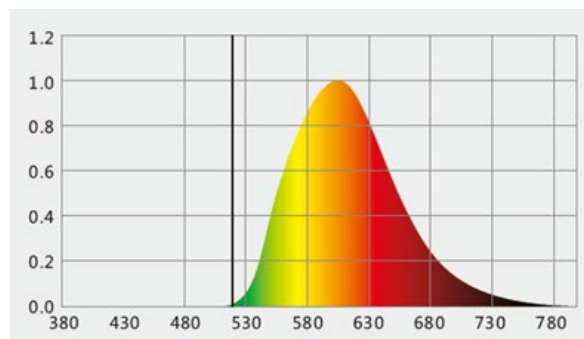
Specifications

Model	T8BDA-30K18A
Intensity	1,800 lm
Efficacy	100 lm/W
Input Voltage Range	120–277 VAC
Power Consumption	18 W
Current Draw	150 mA @ 120 VAC / 65 mA @ 277 VAC
Connection	G13 bi-pin
Color Temperature	1800K (3000K LEDs + amber coating)
Beam Angle	180°
CRI	80+
Dimming	none
Environmental Rating	IP20
Ambient Operating Temperature	-4°–113° F (-20°–45° C)
Rated Life (L70)	50,000 hours

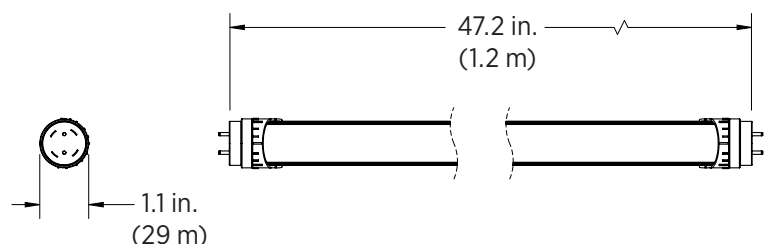
Warranty

Five (5) Year Warranty

Photometrics



Dimensional Drawing



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https://www.superbrightleds.com/cat/led-t8-tubes-replacement-bulbs/

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Specifications are subject to change without notice.

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