DENSBE LED

Longlife Extrabright Yellow T8 LED

Mechanical

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

Electrical

- 100–277 VAC input
- ≥0.9 power factor
- Ballast bypass, single-ended or dual-ended wiring
- 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

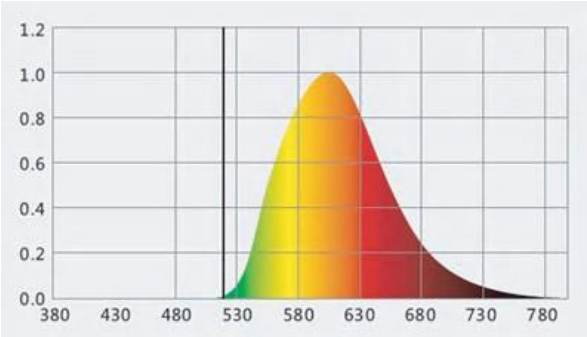
Description

Yellow LED tubes are a long-lasting linear lighting solution that specially developed to filter out harmful UV light—amber coating blocks light under 520 nanometers.
With tight spectrum control, this tubes block all light from 0 to 520 nm for a completely UV-protected environment without compromising the illuminance needed to allow people to perform tasks comfortably, effectively and safely

Certifications

CE RoHS COMPLIANT

Photometrics



Warranty

Five (3) Years Warranty

Applications

- Cleanroom
- PCB electronic semiconductor factory
- Archives, libraries, museums
- Art galleries and boutique shops
- Printing ink print on color inspection
- Food production workshop
- Also great for deterring bugs by installing in enclosed, watertight fixtures at boat, docks, park pavilions, and wildlife areas.

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Electrical Specifications

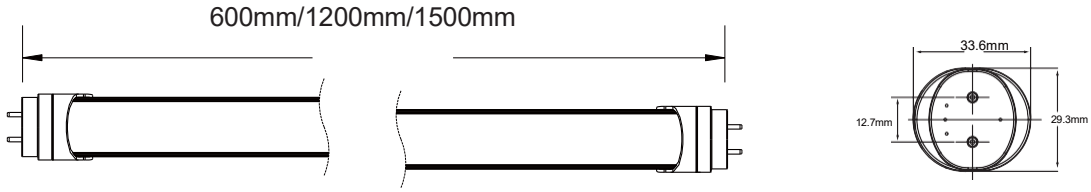
Model No.	Length	Input Power	Input Voltage	Lumen Output	Luminous Efficacy	Color	Lamp Lifespan
DBE-T8XX-600MM-9W-Y	600MM	9 W	100-277 V	900 lm	100 lm/W	Yellow	50,000 Hrs
DBE-T8XX-1200MM-14W-Y	1200MM	14 W	100-277 V	1400 lm	100 lm/W	Yellow	50,000 Hrs
DBE-T8XX-1200MM-16W-Y	1200MM	16 W	100-277 V	1600 lm	100 lm/W	Yellow	50,000 Hrs
DBE-T8XX-1200MM-18W-Y	1200MM	18 W	100-277 V	2000 lm	100 lm/W	Yellow	50,000 Hrs
DBE-T8XX-1200MM-20W-Y	1200MM	20 W	100-277 V	1800 lm	100 lm/W	Yellow	50,000 Hrs
DBE-T8XX-1500MM-19W-Y	1500MM	19 W	100-277 V	1900 lm	100 lm/W	Yellow	50,000 Hrs
DBE-T8XX-1500MM-20W-Y	1500MM	20 W	100-277 V	2000 lm	100 lm/W	Yellow	50,000 Hrs
DBE-T8XX-1500MM-22W-Y	1500MM	22 W	100-277 V	2200 lm	100 lm/W	Yellow	50,000 Hrs
DBE-T8XX-1500MM-25W-Y	1500MM	25 W	100-277 V	2500 lm	100 lm/W	Yellow	50,000 Hrs
DBE-T8XX-1500MM-30W-Y	1500MM	30 W	100-277 V	3000 lm	100 lm/W	Yellow	50,000 Hrs

Beam Angle	Cover	CRI	Power Factor	IP Rating	Base	Operating Temp.
180°	Amber Coating (Frosted/Clear)	>70	>0.9	IP20	G13	-20°C to 45° C

Note:
1. XX can be DE for double-ended wiring,SE for single-ended wiring.
2. All values are typical (tolerance +/- 10%)
3. Customized product is available, such as wattage, luminous efficacy.

DENSBE MAKES IT!
Don't see what you need? Additional wattages and specifications available upon request - Contact your Densbe rep!

Dimensional Drawing



Accessories Optional (Sold Separately)

Model No.	EM Wattage	Description	Image
RPE10S-020A180F	2W	LED Emergency Driver For LED Tube	

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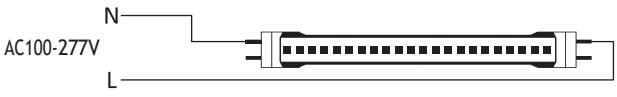
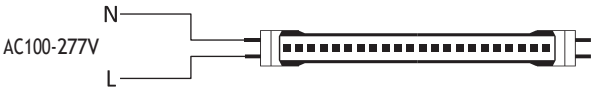
Wiring Diagram

Remark: Choose the correct wiring diagram based on the actual product you purchase.

1. Double-ended power input



2. Single-ended power input



INSTALLATION GUIDE:

Instructions

1. DISCONNECT POWER OF LUMINAIRE
2. REMOVE EXISTING TUBE LAMP(S)
 a. Remove troffer lens, if present.
 b. Remove existing fluorescent by rotating one quarter turn and sliding lamp(s)
 c. Remove ballast cover. (Cover may be secured with screws or tabs)
3. RETROFIT LUMINAIRE
 Modify the circuit according to the wiring diagram.
4. Install the LED tube lamp.
 a. Read label on the LED tube to ensure the power end of LED is aligned with powered tube socket, then insert LED lamp in the normal way by sliding pins into sockets and rotating a quarter turn until LED tube locks in place.
 b. LED lamps are now fully installed.
 c. Replace troffer lens, if present.
 d. After modification completed. Attach the Replacement Marking and cautionary Label to a visible place on the luminaire and keep it visible after installation. Be sure to mark the type of wiring on the luminaire label (single or double-ended).
5. RESTORE THE POWER OF LUMINAIRE
 Restore power to circuit/luminaire and test light. If necessary, adjust position of LED tube, and enjoy your new LED tube light!

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