



# DENSBE LED

## Longlife Extrabright Yellow T5 LED Tube



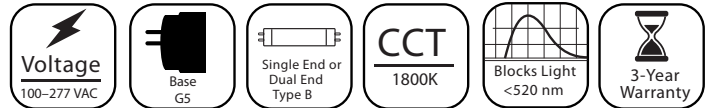
### Description

This amber LED T5 tube is a linear lighting with an amber coating that offers tight spectrum control, filtering out light under 520 nanometers. It provides a cost-effective, highly reliable solution for ambient illumination while protecting semiconductor photoresists maintaining a UV-protected environment without compromising sufficient task light. It is ideal for clean rooms, photo labs, pharmaceutical facilities, and manufacturing plants.

### Features

- Amber coating for UV sensitive applications
- Blocks light under 520 nm wavelength
- Universal input voltage 100–277VAC
- Dual-end or single-end wiring for option

### Certifications



### Electrical Specifications

Model No.	Length	Input Power	Input Voltage	Lumen Output	Luminous Efficacy	Color	Lamp Lifespan
DBE-T5XX-1200MM-18W-Y	1200MM	18 W	100-277 V	1800 lm	100 lm/W	Yellow	50,000 Hrs
DBE-T5XX-1200MM-20W-Y	1200MM	20 W	100-277 V	2000 lm	100 lm/W	Yellow	50,000 Hrs
DBE-T5XX-1500MM-25W-Y	1500MM	25 W	100-277 V	2500 lm	100 lm/W	Yellow	50,000 Hrs
DBE-T5XX-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.
120°	Amber Coating (Frosted)	>40	0.9	IP20	G5	-20°C to 45° C

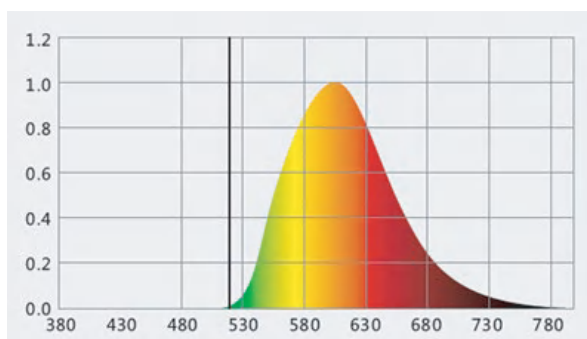
#### Note:

1. All values are typical.
2. XX refers to wiring method, can be DE for double-ended wiring, SE for single-ended wiring.
3. Can customized product, such as wattage etc.

### DENSBE MAKES IT!

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

### Photometrics



### Warranty

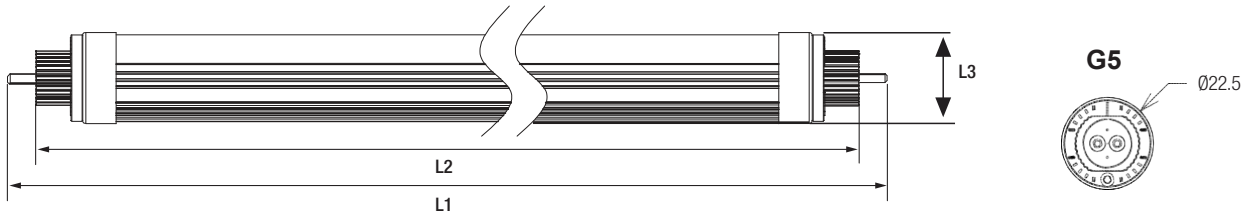
Three (3) Years Warranty



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### Dimensional Drawing



Model	L1 End of Base Pin to End of Opposite Pin End	L2 Base Face to Base Face	L3 Bulb Outside Diameter
DBE-T5XX-600MM-ZZ-Y	563mm	549mm	22.5mm
DBE-T5XX-900MM-ZZ-Y	863mm	849mm	22.5mm
DBE-T5XX-1200MM-ZZ-Y	1163mm	1149mm	22.5mm
DBE-T5XX-1500MM-ZZ-Y	1463mm	1449mm	22.5mm

Note:  
 1. All values are typical.  
 2. XX refers to wiring method, can be DE for double-ended wiring, SE for single-ended wiring.  
 3. ZZ refers to wattage

### Accessories (Sold Separately)

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

### 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.





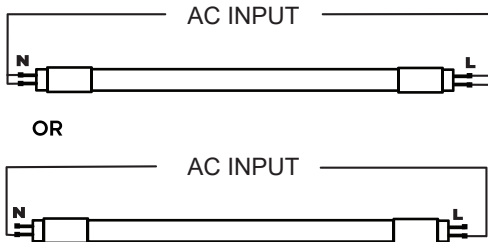
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### Wiring Diagram

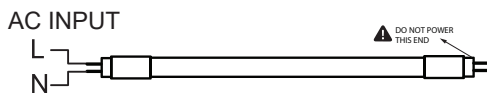
**\*Note: Choose the correct wiring diagram based on the actual product you purchase.**

#### 1. Double-ended power input



Input Voltage: 120-277V 50/60Hz

#### 2. Single-ended power input



Input Voltage: 120-277V 50/60Hz

#### 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!