

# GARNDE

QUALITY | DESIGN | INNOVATION

## LED Tube Light

Isolated LED driver Design



HIGH  
OUTPUT LED



85%  
ENERGY  
SAVING



ZERO MERCURY/  
ZERO LEAD



LONG  
LED LIFE

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## T8 LED Tube Light



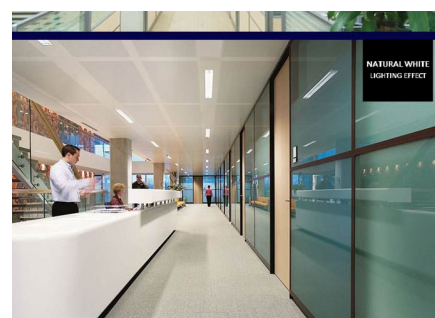
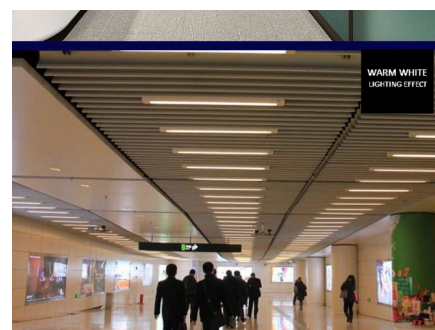
KB series T8 LED tube light is designed to replace CFL tube by latest LED technology. It can fit directly into most fluorescent fixtures providing a simple upgrade to high quality LED lighting. It provides long lifespan, no maintenance, no mercury, no strobe, no buzzing, cold temperature operation, high efficiency and high quality light. It provides energy savings up to 75% compare to fluorescent tube.



- SMD 2835 LED chips
- Aluminum housing
- Built-in isolated LED driver
- PC diffuser

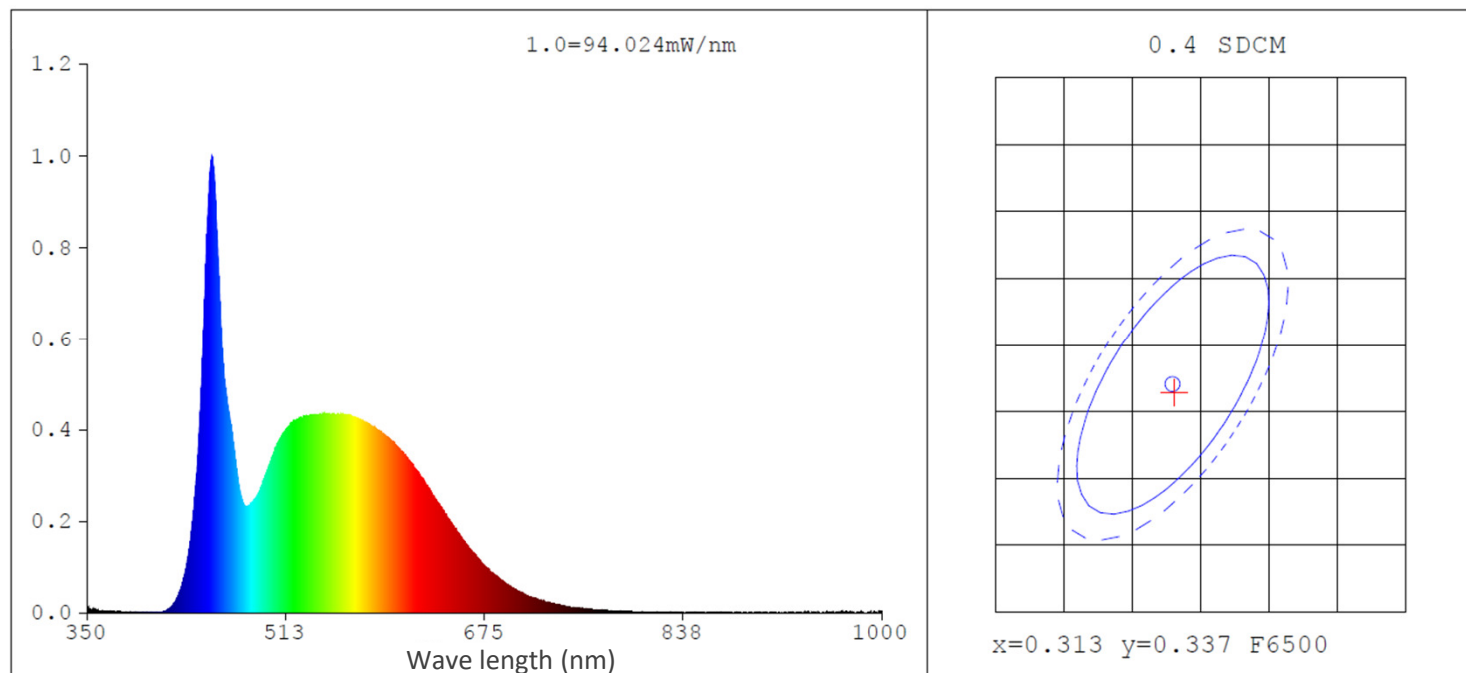
### Application

- Residence
- Office
- Shopping mall
- Parking lot
- Warehouse
- Hotel
- Bus, train, boat
- Airport, railway station, metro station

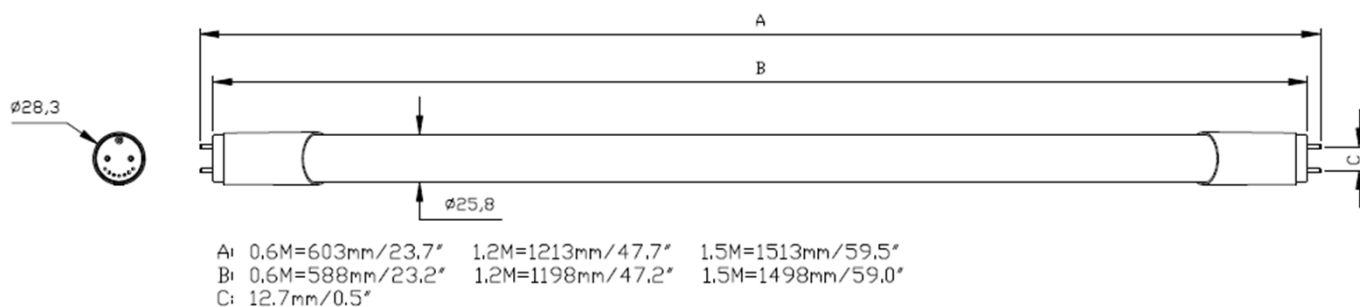


## Spectrogram

6500K:



## Dimensions (mm/inch)



## Technical Characteristics

### Tube characteristics

|                       |                          |
|-----------------------|--------------------------|
| <b>Length options</b> | 0.6m, 0.9m<br>1.2m, 1.5m |
| <b>Diameter</b>       | T8                       |
| <b>Head</b>           | G13                      |
| <b>Voltage</b>        | AC100-240V               |
| <b>Dimmable</b>       | No                       |
| <b>LED chip</b>       | SMD2835 LED              |

### Light characteristics

|  |                      |
|--|----------------------|
| <b>Wattage options</b>                 | 9W, 14W, 18W, 24W    |
| <b>Beam angle</b>                      | 180°                 |
| <b>Color temperature (CCT) options</b> | 3000K, 4000K, 6500 K |
| <b>Color rendering index (CRI)</b>     | Ra > 80              |
| <b>Power factor</b>                    | 0.5                  |
| <b>Strobe</b>                          | No                   |
| <b>Starting time</b>                   | < 0.08 s             |

## Model List

| Model No.  | CCT                 | Length (m) | Power (W) | Lumen Output | CRI  | Input Voltage         |
|------------|---------------------|------------|-----------|--------------|------|-----------------------|
| KB-T8-0609 | Warm White 3000K    | 0.6        | 9W        | 840          | ≥ 80 | AC100-240V<br>50/60Hz |
|            | Natural White 4000K |            |           | 960          |      |                       |
|            | Cool White 6500K    |            |           | 1040         |      |                       |
| KB-T8-0914 | Warm White 3000K    | 0.9        | 14W       | 1320         | ≥ 80 | AC100-240V<br>50/60Hz |
|            | Natural White 4000K |            |           | 1460         |      |                       |
|            | Cool White 6500K    |            |           | 1580         |      |                       |
| KB-T8-1218 | Warm White 3000K    | 1.2        | 18W       | 1680         | ≥ 80 | AC100-240V<br>50/60Hz |
|            | Natural White 4000K |            |           | 1860         |      |                       |
|            | Cool White 6500K    |            |           | 2080         |      |                       |
| KB-T8-1522 | Warm White 3000K    | 1.5        | 24W       | 2260         | ≥ 80 | AC100-240V<br>50/60Hz |
|            | Natural White 4000K |            |           | 2420         |      |                       |
|            | Cool White 6500K    |            |           | 2650         |      |                       |

\* Lumen flux and power are subject to an initial tolerance of  $\pm 3\%$ . Tolerance of CCT:  $\pm 3\%$ . Tolerance of CRI:  $\pm 2$ . Values apply to an ambient temperature of 25° C.