

## Specification

Microwave Sensor LED Tube  
(one end power input)



**Specification:**

Input voltage range: AC100-240V/50-60Hz

Power consumption: 15W

ESD withstand voltage: 800V

Operating temperature: -20~45°C

Operating Humidity: < 80%RH non-condensing

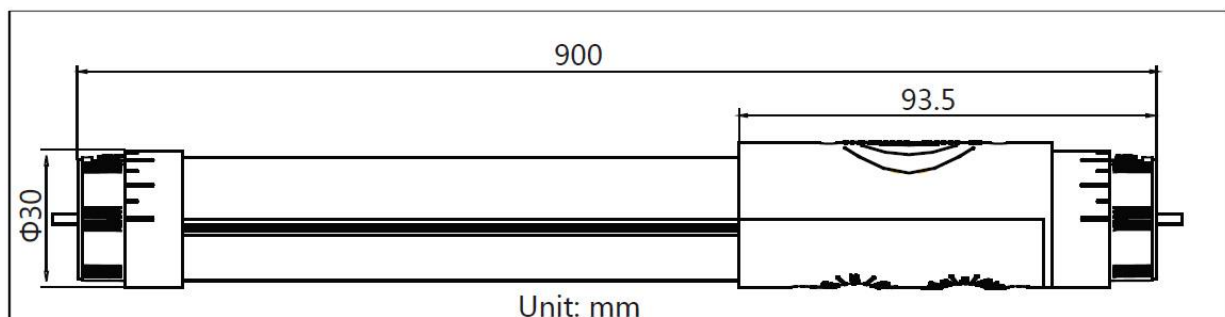
Lifespan: 35000 hours

| Product Name       | Size (mm) | Model               | Color Temperature                          | Luminous Flux (AVG)        | Rated Power | CRI   | Beam Angle | PF       |
|--------------------|-----------|---------------------|--|----------------------------|-------------|-------|------------|----------|
| Microwave LED Tube | Φ28*L900  | TLT-KTL-T815W900LMW | 3000K-3500K,<br>4000K-4500K<br>5500K-6000K | 1335Lm<br>1410Lm<br>1500Lm | 15W         | Ra≥80 | 120°       | ><br>0.9 |

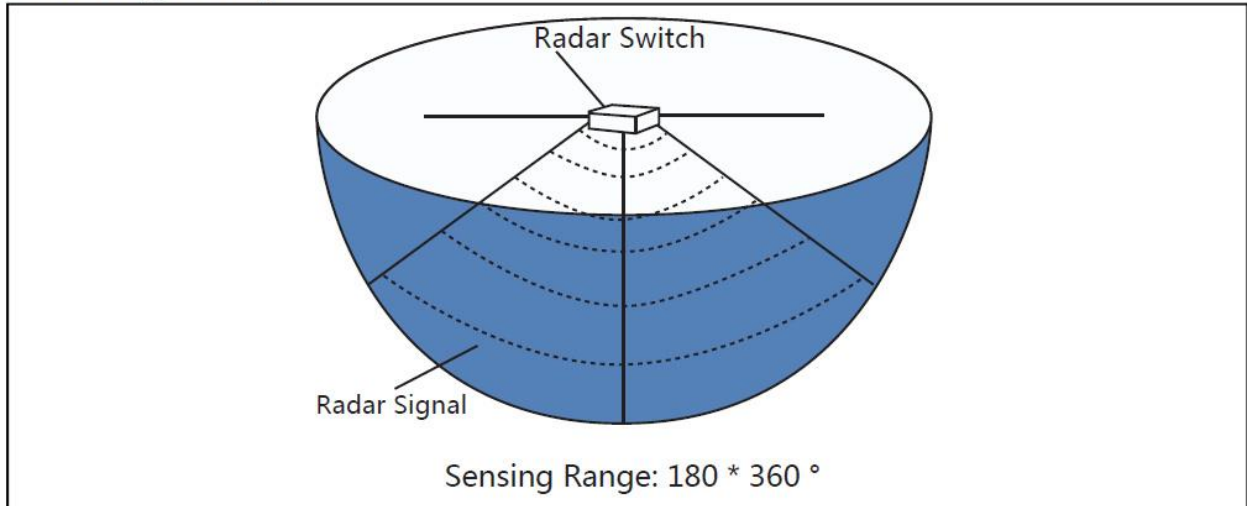
**Product Description:**

1. KTL-T815W900LMW is KENKIO newest independently developed LED Tube. With adjustable delay shut off time and power saving adjustment, it's suitable for areas such as parking lot, corridors, warehouses, hotels and similar venues.
2. TIME: When user is away from detection zone, light tube will stay on based on the set time. (5S, 30S, 1M, 3M, 5M, 10M, 20M, 30M, 60M).
3. LUX: When user is away from detection zone, the power consumption of the tube will be reduced to the set amount. (0, 10%, 20%, 30%, 40%)
4. LED Tube end cap is rotatable 90 clockwise and counter clockwise. This can accurately position the tube to the direction of the sensing and lighting area.
5. Utilizing the Doppler principle, radar signal is emitted and received to intelligently detect the surrounding environment. If there is a moving object within the detection range the tube will be fully light. If there aren't any moving objects within the detection range the light will act according to the customer's adjustment settings.
6. Maximum sensing distance: up to 12 meters.
7. Photocell sensor can be added as an optional accessory.

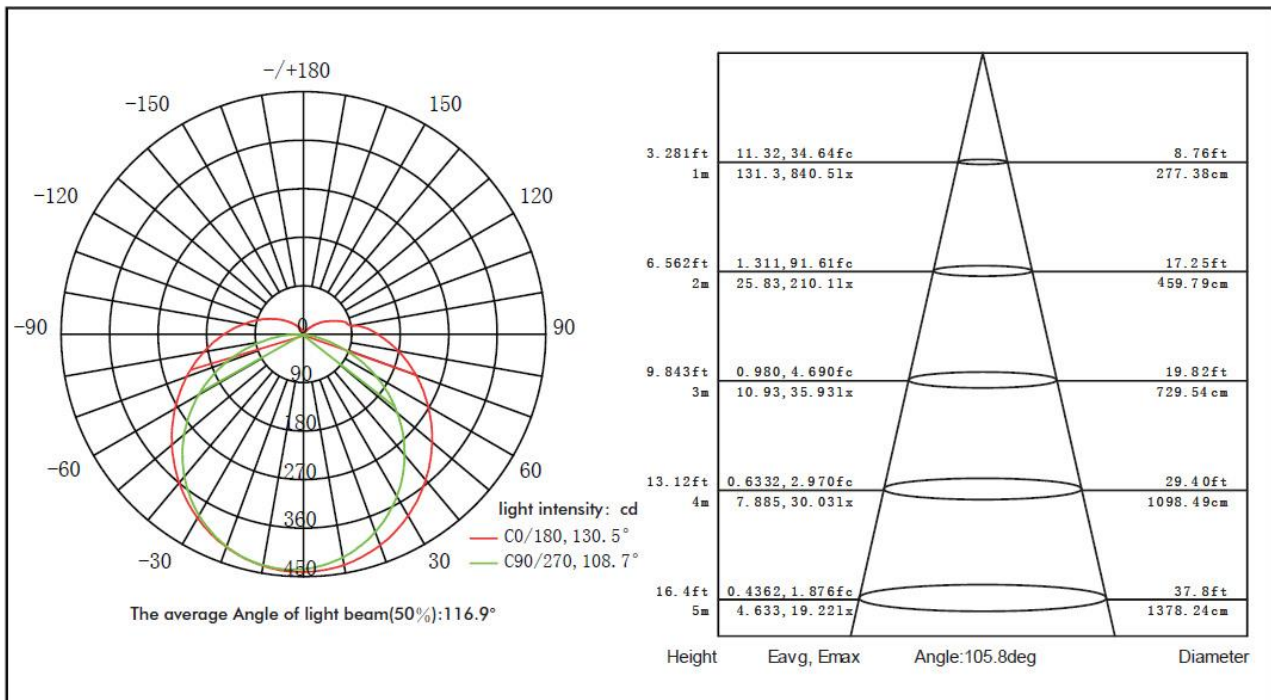
## Dimension



## Sensing range

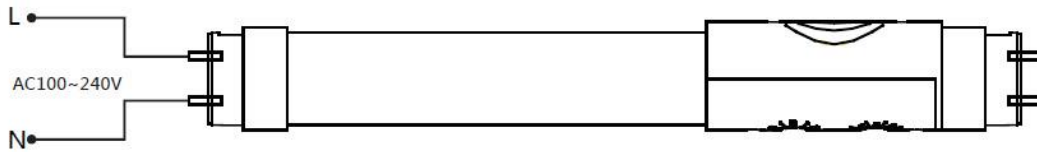


## Photometric Data

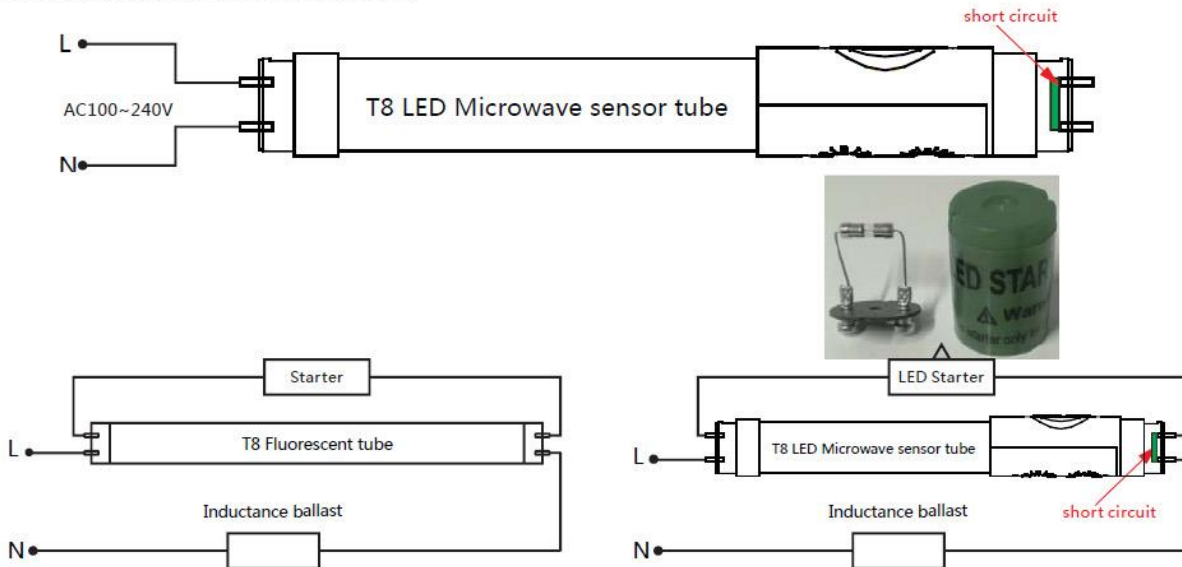


# Installation(One end input)

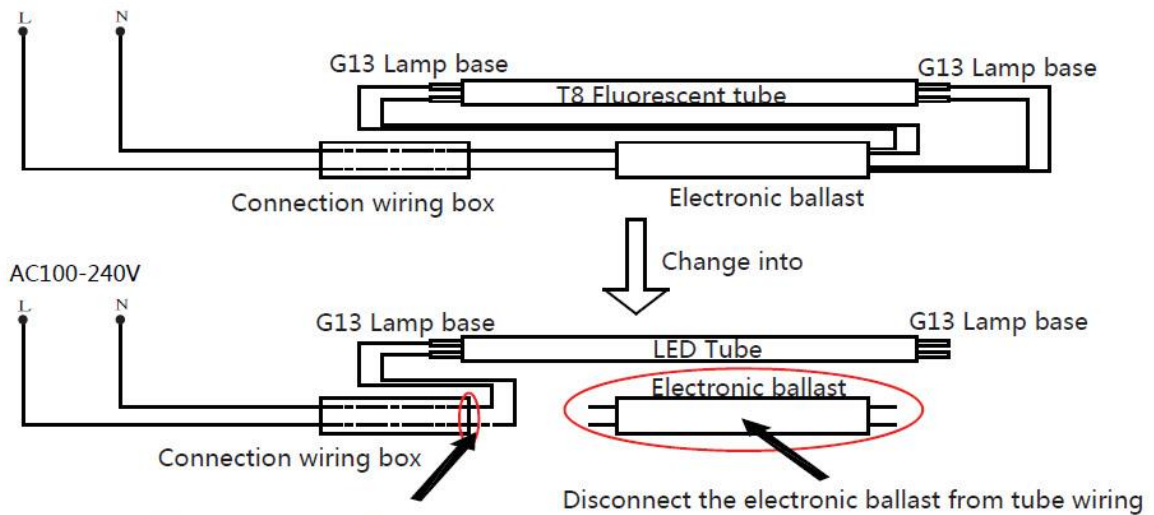
1. Without inductive ballast or electronic ballast, install according to the following diagram:



2. With an inductive ballast base:



3. With electronic ballast base:



Please connect the wiring according to diagram and connect the wiring per diagram in the wiring box

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**Caution:**

1. Product is fragile, please do not put force on the product.
2. All installation must be done by a professional, please do not take apart the product.
3. If product does not operate or LED flashes, please return to the place where you purchase the product. Do not service manually.
4. Disconnect power before installation.
5. This product can be installed indoor and outdoor locations. The IP rating for this product is IP50, please avoid contact with acid or base solutions.
6. Please install the product with the correct voltage requirements.
7. Please do not cover up the heat dissipating area or leave any flammable materials near it.
8. Damage caused by human fault (incorrect usage, short circuit) or any natural events uncontrollable by human nature (fire, flood, earthquake, over voltage) preventing the product to function properly.
9. When installing multiple microwave sensor tubes, there should be a minimum distance of 500mm apart from each 3.3G Microwave sensor tube. But for 5.8G sensor tube, any distance is ok because 5.8G sensor Tube is with strong anti-interference.