



T8 LED Tube With Microwave Sensor

1. Features

- Built-in microwave sensor and LED Driver
- 3 or 2 steps dimming control
- Mounting height 2.5-10m
- More energy savings with sensor technology
- Wider detection area 25m Max
- Stable and reliable dection
- Single end power anti electric shock ensures safety
- Maximum efficacy and minimum glare
- High-tech optical design



2. Application

Commercial Lighting

- Office
- Supermarket
- Hotel
- Exhibition hall

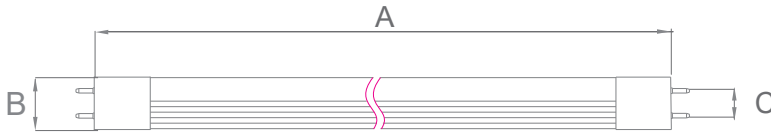
Public Lighting

- Tunnel
- Metro station
- Train station
- Bus station

Industrial Lighting

- Factory/Warehouse
- Etc

3. Product Dimension



Model NO.	Size A(mm)	Size B(mm)	Size C(Base)
DL06RST8-10W-XK	588	29	G13
DL09RST8-14W-XK	894	29	G13
DL12RST8-18W-XK	1198	29	G13
DL15RST8-22W-XK	1498	29	G13
DL18RST8-24W-XK	1763	29	G13

4. Parameter

A. Parameter

Model NO.	Power (W)	Light Source	Base	CCT (K)	Frosted Cover Lumens	Clear Cover Lumens	Frosted Cover Lm/W	Clear Cover Lm/W	CRI	Beam Angle
DL06RST8-10W-XK	10	2835	G13	4000K	1200	1300	120	130	>80	120°
DL09RST8-14W-XK	14	2835	G13	4000K	1680	1820	120	130	>80	120°
DL12RST8-18W-XK	18	2835	G13	4000K	2160	2340	120	130	>80	120°
DL15RST8-22W-XK	22	2835	G13	4000K	2640	2860	120	130	>80	120°
DL18RST8-24W-XK	24	2835	G13	4000K	2880	3120	120	130	>80	120°

CCT Range WW(3000K) NW(4000K) DW(5000K) CW(6500K)

Temperature Characteristics Ta.25°C

■ Temperature

- Ambient -20~+40°C
- Storage -40~+85°C

■ Humidity

- Operating 10%-80%
- Storage 10%-80%

Electrical Characteristics

- Input Voltage: AC100~277V 50/60Hz
- PF: ≥0.95 THD<20%
- Power Efficiency: ≥ 0.88

B. Motion Sensor Technical Data

1. Micro-sensor Data



Sensor Distance
MAX. 10m



Mounting Height
MAX. 10M



Hold Time
Optional



Micro-Wave
5.8GHZ

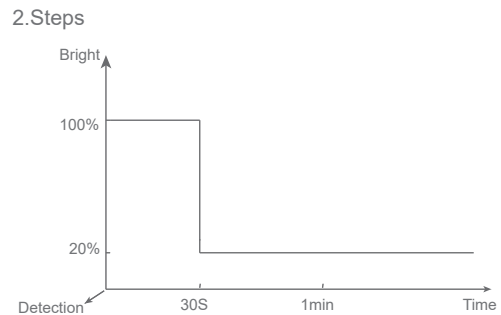
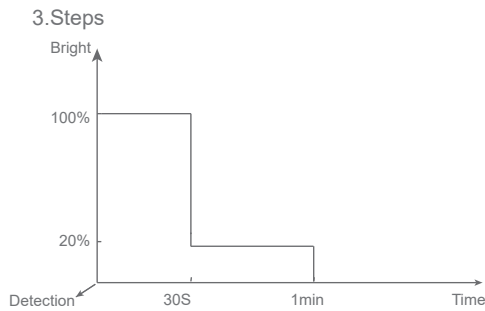
■ Option 1: 3 steps dim Lighting 100%-20%-0%

Microwave frequency: 5.8GHZ+/-75MHz
 Detection Distance: 10m Max.
 Mounting height: 2.5-10m
 Detection area: R(10)m,H(3m)
 Detection angle: 150°
 Daylight threshold: NO
 The sensitivity Settings: NO
 Hold time: 30s
 Standby dimming level: 20%
 3 steps dim Standby period: 1min

■ Option 2: 2 steps dim Lighting 100%-20%

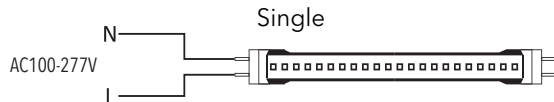
Microwave frequency: 5.8GHZ+/-75MHz
 Detection Distance: 10m Max.
 Mounting height: 2.5-10m
 Detection area: R(10)m,H(3m)
 Detection angle: 150°
 Daylight threshold: NO
 The sensitivity Settings: NO
 Hold time: 30s
 Standby dimming level: 20%
 2 steps dim Standby period: All the time

2. The difference about bright with time on 3 steps and 2 steps

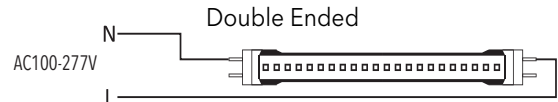


5. Installation

1. Single-ended wiring



1. Double-ended wiring



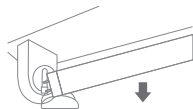
ATTENTION



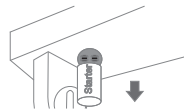
1. Turn off power before inspection, installation or removal.
2. Required registered electricians for installation only.
3. Risk of electrical shock- do not use where directly exposed to water or weather.
4. The installer must determine whether they have 100-277V at the luminaire before installation.



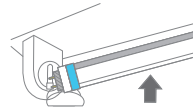
1. Turn OFF the power



2. Take out the fluorescent tube



3. Take out the starter



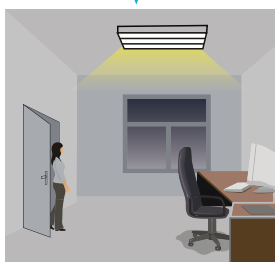
4. Install the LED tube



5. Turn ON the power

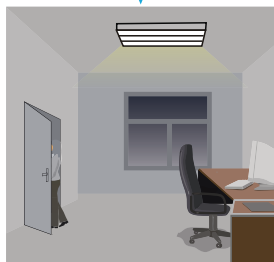
2. Steps dimming control demonstration

Step 1



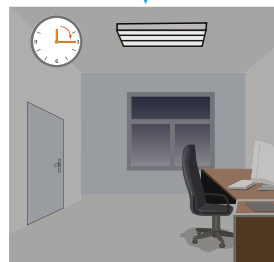
The sensor switches on the light automatically when person enters the room

Step 2



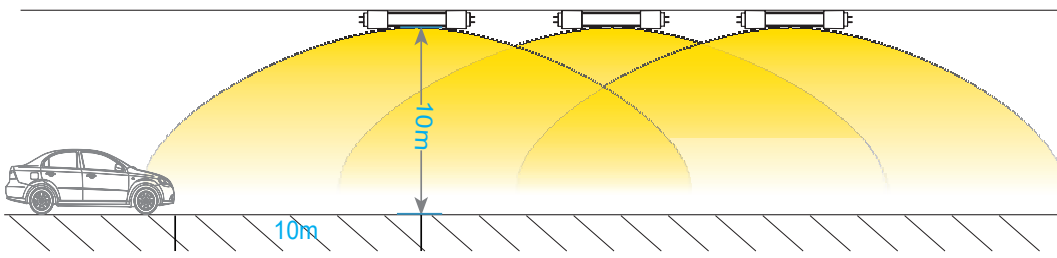
People left, light dims to 20% standby level after the hold time

Step 3

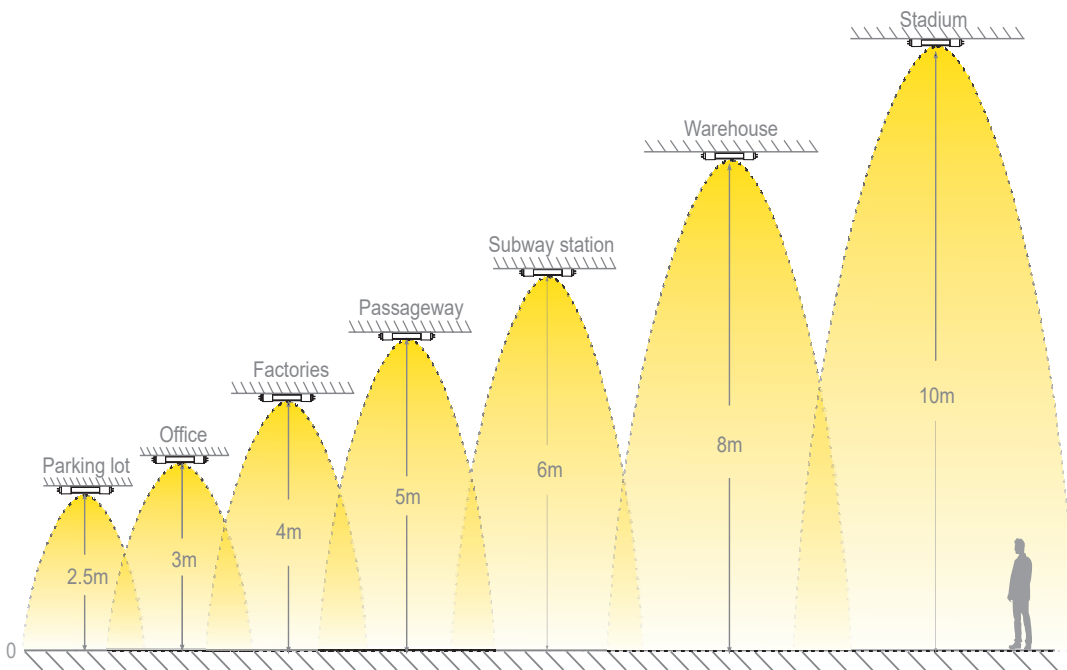


Light switches off automatically after the standby period elapsed.

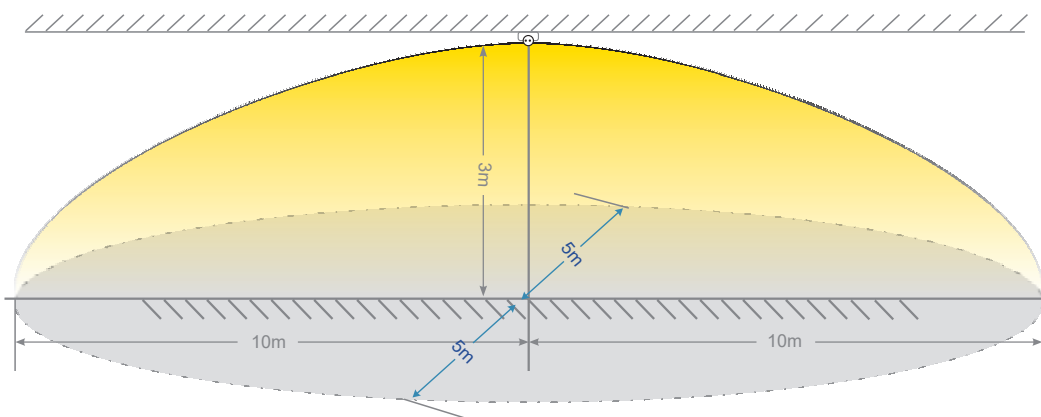
3.Special application for underground parking



4.Widely used



5.Detection radius up to 10m, diameter up to 20m.



IMPORTANT NOTICE

- 1.Minimum clearance between two led tubes 30cm.
- 2.The product cannot be used in confined spaces. The tube should not be surrounded by metallic objects.

Attentions

- Before installing the lighting fixtures, please read this instruction manual carefully.
- The lighting fixtures should be installed, connected and tested by a certified installer based on the local regulations.
- Lamps should always be installed or replaced with care.
- Please check local voltage in accordance with the product requirements before using the product.
- Replacement of the lamp can be done when the power is off and the lamp is completely cooled down.
- Misuse of, or changes to the fixture shall nullify the guarantee.
- Don't cover the fixtures with flammable materials.
- Exclusively replaced by the manufacturer or his service agent or the similar qualified person in order to avoid a hazard.