

DATA SHEET - Motion Sensor Tube-lights



Features:

- Built in Sensor and LED driver
- 2 steps dimming control
- Mounting height 2-5m
- Dimming options – 15% to 30%
- Wider detection area 8 m Max
- Stable and reliable detection
- Single end power anti electric shock ensures safety
- Maximum efficacy and minimum glare
- High-tech optical design

Specification Features:

- Long life & High Efficiency
- Up to 50,000 hrs rated lifetime, reduced maintenance cost
- Extruded aluminium batten with highly efficient PC Opal Diffuser.



- High Efficiency, up to 120 lm/w, increased energy saving
- Overload, overvoltage, short circuit and reverse polarity protection
- IP 20 Ingress Protection

High Quality lighting effect

- High uniformity of light, create elegant lighting atmosphere for retail & commercial applications
- Wide Beam Angle of 120° gives glare free lighting effect
- Environment friendly - no UV, no Hg

Applications:

- Offices
- Institutional
- Parking
- Warehouse
- Corridors
- Factories

Standards Compliance:

EN61000-3-3	Limitation of voltage fluctuations and flicker in low voltage supply systems
IEC 62031	LED modules for general lighting-Safety specifications
IS 15885-2-13	SAFETY OF LAMP CONTROLGEAR PART 2 PARTICULAR REQUIREMENTS Section 13 d.c. or a.c. Supplied Electronic Controlgear for LED Modules
IS 16104	d.c. OR a.c. SUPPLIED ELECTRONIC CONTROL GEAR FOR LED MODULES — PERFORMANCE REQUIREMENTS

Product Information:

- Size : Lenth - 1130 mm, Width - 20 mm, Height - 32mm
- Body - PC
- Model - T5
- Power Watt - 4 feet - 20w, 2 feet - 10W
- LED Colors CCT - CW-cool white, NW-natural white, WW-warm white
- LED make : Everstar / Bridgelux
- LED Lumens : 1w:120 Lumens
- Sensor Function : Auto Dimming / Auto on off



SPECIFICATIONS:

ELECTRICAL CHARACTERISTICS			
Input Power		10W	20W
Operating Voltage	185 –265Vac		
Operating Frequency	47....63Hz		
Max. Input Current		220mA	220mA
Startup Time	<0.5s		
Operating Temperature	-20°C....+60°C		
Surge Protection		3KV	3.5KV
Lumens		1200lm	2300lm
Colour	Warm/Cool/Natural White		
Colour Temperature	3000K/4000K/6500K		
CRI	>80%		
Viewing Angle	120°		

DIMMING CONTROL DEMONSTRATION

Step 1



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

Step 2



People left, light dims to 15% standby level after the hold time

SENSOR CHARACTERISTICS

Sensor Type	Microwave
Max Sensor Detection Distance	8m
Detection Angle	160°
Mounting Height	2m...6m
Hold Time	20sec / 60sec
Standby Dimming Level	15% to 30%

WIDELY USED

