

TUHO-G2

LED Microwave Motion Sensor T5 Tube 6W-18W



- Compared with other microwave frequency and infrared induction anti-jamming is strong. Higher detection sensitivity. Reliability more accord with the Radio Equipment Directive 2014/53eu (RED),
- LED Microwave Motion Sensor T5 Tube made by aluminum shell with PC cover.
- Extent Motion sensor 5.8ghz microwave sensor
- Sensor distance: 5m
- Delay time: 60 seconds (Factory Presetting by request).
- Brightness on sensor mode: 30% (Factory Presetting by request).
- Widely used in carpark, apartment buildings, school.

Technical Data

Cap base 燈腳Base de la tapa	G5- T5 PIN
Dimension-尺寸-Dimensión	• 2 feet 548mm (563mm) 3 feet 848mm (863mm) • 4 feet 1148mm (1163mm) 5 feet 1448mm (1463mm)
Radiation frequency/ 輻射頻率/Frecuencia de radiación	5.8ghz
Input Voltage-輸入電壓-Voltaje de entrada	AC220-240V 50/60Hz
Power Consumption Max-燈具功率 Consumo de energía Max	6W @ 2feet 9W @ 3feet 12W @ 4feet 18W @ 5feet
Power factor 功率因數 Factor de potencia	PF > 0.9
TOTAL HARMONIC DISTORTION 總諧波失真 DISTORSIÓN ARMÓNICA TOTAL	THD< 20%
Brightness holding-Time Setting: 亮度保持時間設置: Ajuste de tiempo de retención de brillo:	60s Remark: Factory Presetting by request 備註: 根據要求出廠預設 Observación: preajuste de fábrica a pedido
Brightness on Standby Setting: 待機亮度設置 Brillo en la configuración de espera:	30%, Remark: Factory Presetting by request 備註: 根據要求出廠預設 Observación: preajuste de fábrica a pedido
Microwave Sensor Detection Angle 微波傳感器檢測角度 Ángulo de detección del sensor de microondas	180°x 360°
Maximum Detection Distance 最遠檢測距離 Distancia máxima de detección	Up to 6 meter 最遠5米 hasta 6 metros
Beam Angle 光束角 ángulo de haz	140°
Light Source Brand-光源品牌-Fuente de luz de marca	SMD
MacAdam Ellipses Binning 麥克亞當橢圓分級 Mac Adam binning ellipse	Exempt豁免(無危險)Eximir
"Lumen Maintenance LM-80 Reported by TM-21"25°C	L70(10k) > 60000 hrs
Color Rendering Index / 顯色指數 Índice de reproducción cromática	> 80
MacAdam Ellipses Binning 麥克亞當橢圓分級 Mac Adam binning ellipse	Standard Deviation Colour Matching < 3 SDCM 標準偏差配色< 3 SDCM Coincidencia de color estándar Desviación < 3 SDCM
Color Temperature -色溫 Temperatura del color	2700K / 3000K / 4000K / 5000K / 6500K
Luminaire Efficacy 燈具效率 La eficacia de la luminaria	140 Lm/w(2700K), 140 Lm/w(3000K), 150 Lm/w(4000K), 160 Lm/w(5000K), 160 Lm/w(6500K),
LED Source Luminous Efficacy LED光源光效 Fuente luminosa LED Eficacia	180 Lm/w(2700K), 180 Lm/w(3000K), 190 Lm/w(4000K), 200 Lm/w(5000K), 200 Lm/w(6500K),
Housing materials-外殼材料 Materiales de la carcasa	6063 Aluminum shell and Anti UV PC (polycarbonate) cover 6063鋁殼和抗紫外線PC 擴散罩 Carcasa de aluminio 6063 y cubierta de PC (polycarbonato) anti UV
Housing Color外殼顏色color de la carcasa	Milky Diffuser 乳白色罩 Milky difusor
Ingress Protection-防護等級 Protección de ingreso	IP40
Operating Temperature Range / 工作溫度範圍 Rango de temperatura de funcion amiento	-30 °C / +50 °C
Comply Testing Standard 符合測試標準 Cumplir el estándar de prueba	EN/IEC 60598-1 ; EN/IEC60598-2-1 ; EN / IEC 60598-2-2 TR62778 EN/IEC 62031; EN60838-2-2 ; EN 62493;EN/IEC 61347-1; EN/IEC 61347-2-13 EMC EN55005 ;EN 61000-3-2 ;EN 61000-3-3; EN 61547 ; IEC62384 ; IEC 62560:2011;IEC 62612; IEC 62766-1; IEC 62766-2-1 ROHS
Certification-認證-Certificación	  

Project	Fixture#	Date
		Firm



Ordering Information

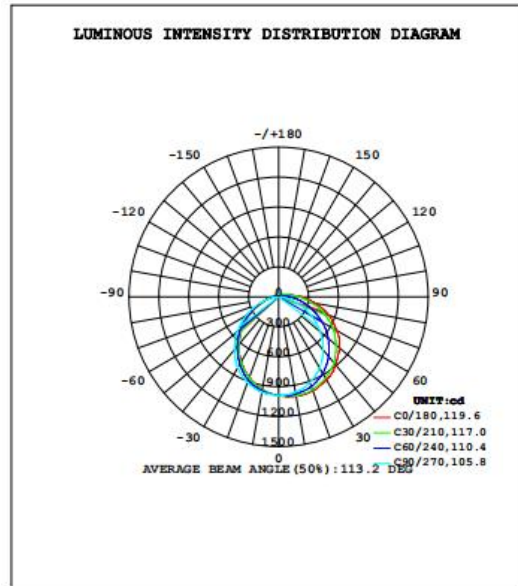
Choose the option that suits your need and write its corresponding code on the appropriate line to form the product code.

Example product code: [TUHO-12W](#)

TUHO-G2 - -
[Power Consumption](#)

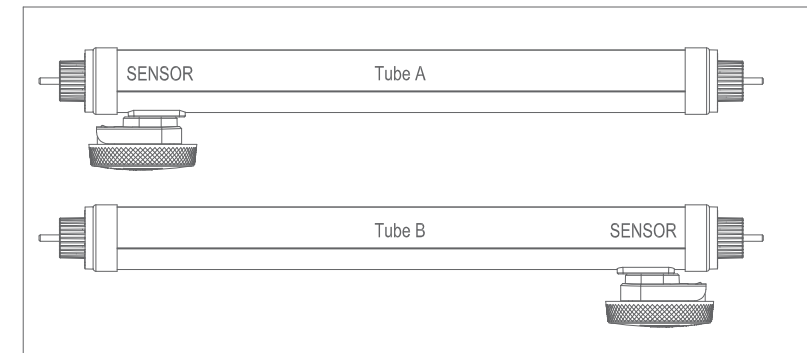
Power Consumption	
Code	Description
6W	6W@2feet
9W	9W@3feet
12W	12W@4feet
18W	18W@5feet

Beam Angle

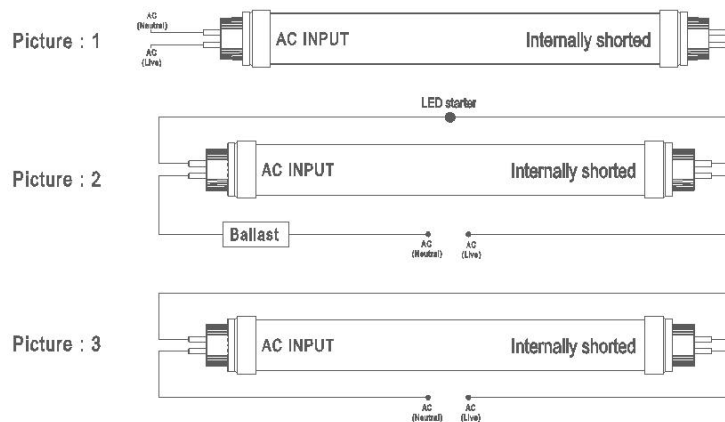


■ installation precautions:

- ◆ Must be installed on solid and vibration-free building surfaces
- ◆ Avoid metal in front of tubes&Metal coating, Metal grille luminaires shall not be used
- ◆ In order to avoid mutual influence, the installation distance between two microwave tubes should be > 50mm
- ◆ When using double tubes, please use sensors interleaved, as shown below: :
- ◆ Do not use tube with more than two tubes
- ◆ For Wi-Fi and other high frequency signals operating in the 2.4ghz and 5.0g Hz bands, the microwave induction Tube and these wireless transmission equipment between The distance should be more than 4M



■ Standard power connection:



◆ Installation

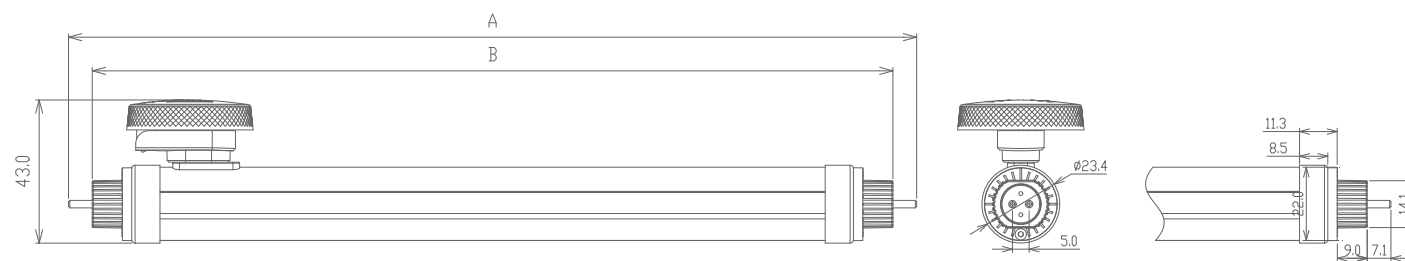
WARNING: Do not connect mains to “internally shorted” end! follow picture 1.

Magnetic ballast retrofit: remove starter and replace with a LED starter, follow picture2.

Electronic ballast: remove ballast from the circuit, **WARNING!** Only a trained electrician can do this modification! follow picture 3

— rated input voltage AC200-240V 50Hz—

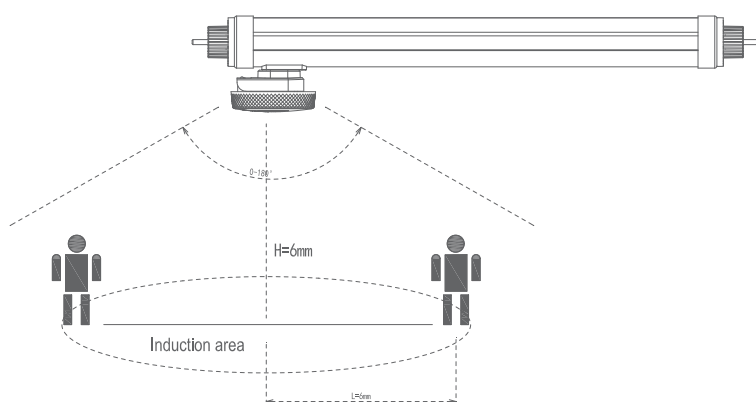
Technical Drawing



	0.6m	0.9m	1.2m	1.5m
A	563mm	863mm	1163mm	1463mm
B	548mm	848mm	1148mm	1448mm

Unit: mm

Sensor Angle and Height



Microwave induction is accurate and sensitive

5.8ghz microwave sensor is built into the lamp to achieve accurate detection

- ◆ Two-stage induction dimming is suitable for the garage. Aisle. Warehouse and other application environment ; The lamp will recover 100% automatically when someone/vehicle passes within detection range
- ◆ All the light within the detection range lasting 60 seconds when no one/vehicle passes by, the tube will be Adjusted to 30% brightness automatically (can be setting for optional)