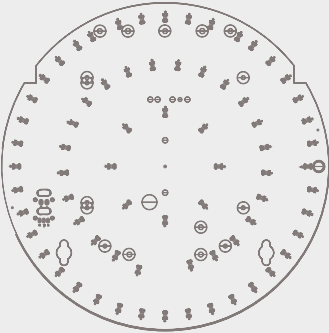


Surface &  
Suspended

Dimensions

220mm



Light Source  
Energy Rating

# Taurus

## Retro-Fit Gear Tray

CODE: TAU-GT-WS-325TC/M/EM



Microwave Sensor  
Info on Following Pages



Power [Selectable]	Efficacy	Output	Kelvin
8W [Emergency 3W]	120Lm/cW	960Lm [Emergency 360Lm]	Tri-Colour: 3000K, 4000K or 6000K
12W [Emergency 3W]	120Lm/cW	1440Lm [Emergency 360Lm]	
15W [Emergency 3W]	120Lm/cW	1800Lm [Emergency 360Lm]	
18W [Emergency 3W]	120Lm/cW	2160Lm [Emergency 360Lm]	

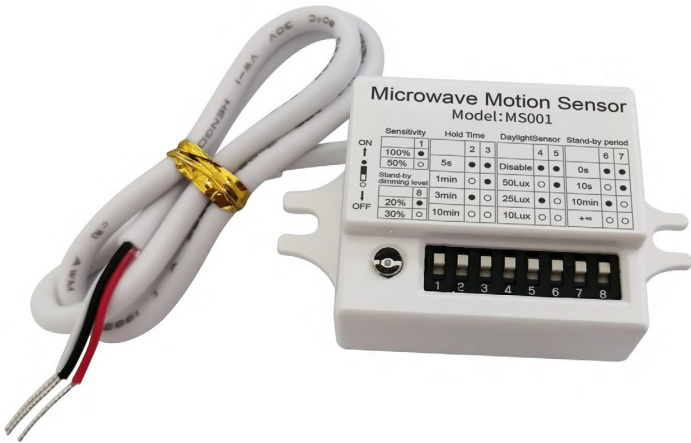
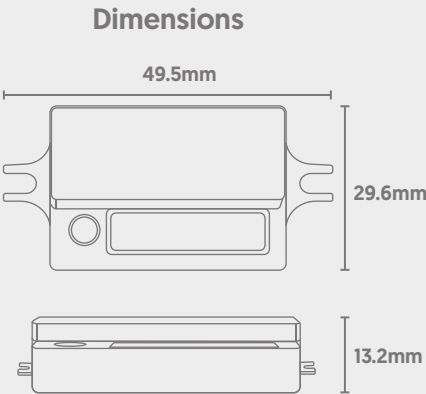
### Technical

Input Voltage	AC 220-240V
Colour Rendering Index	>80
Power Factor	>0.8
Operating Temp.	-20 to +40°C
Diameter	220mm
MacAdam Step	<3
Emergency Output	3 Hours [3W]
Lifetime	50,000 hours, L70-B10 (Ta 25 °C)
CE Standards	EN60598-1, EN62493, EN55015, EN61547, EN61000-3-2, EN61000-3-3, EN62722-1, EN62722-2-1 and EN50581
CE Directives	LVD, EMC, ERP & RoHS

Surface &  
Suspended

# Taurus

Microwave Sensor



## Technical

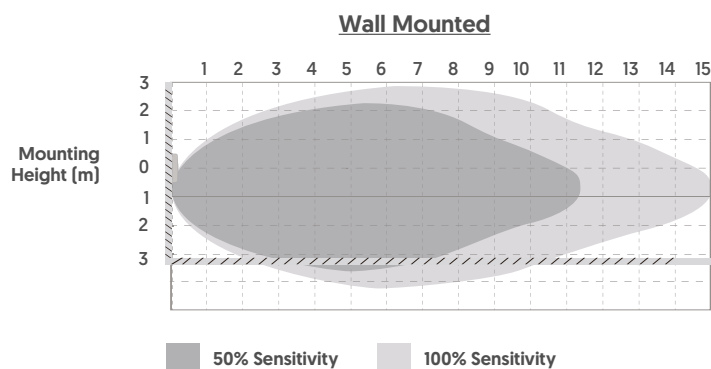
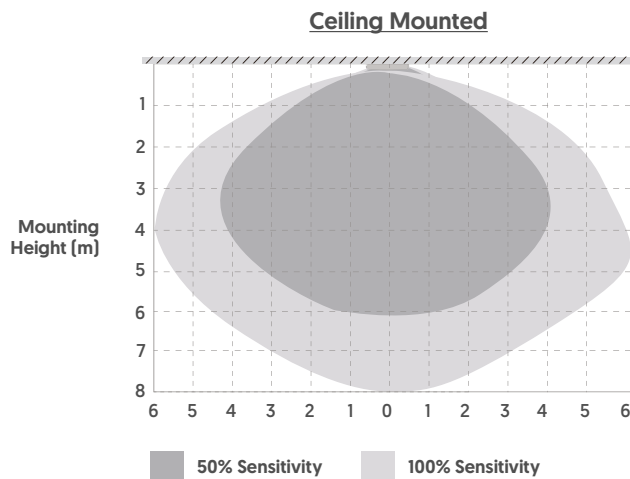
Input	Operating Voltage Range	11-15VDC
	Operating Current	22mA
Output	Output	10V PWM
Sensor Parameters	Microwave Frequency	5.8GHz±75MHz
	Microwave Power	<0.3mW
	Detection Angle	30° to 150°
	Sensitivity	100% / 50%
	Hold Time	5s / 1min / 3min / 10min
	Daylight Threshold	10Lx / 25Lx / 50Lx / Disabled
	Stand-By Period	0s / 10s / 10min / +∞
	Stand-By Dimming Level	20% / 30%
	Mounting Height	Max.6m [Ceiling Mounted]; 1.5m to 1.8m [Wall Mounted]
	Detection Range	Max. 6m [Ceiling Mounted]; Max .10m [Wall Mounted]
	Operating Temperature	-35°C to +70°C
	Size	[L*W*H] 49.5mm x 29.6mm x3.2 mm

## Taurus

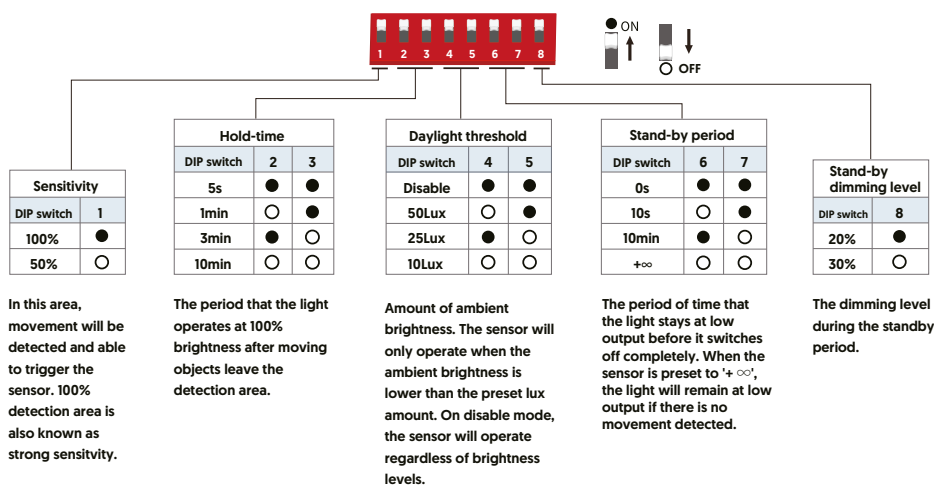
### Microwave Sensor

#### Dimensions

#### Detection Patterns



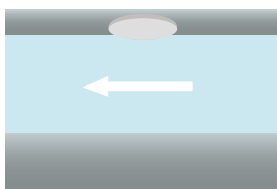
#### Dip-Switch Settings



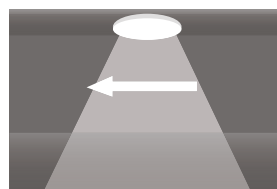
# Taurus

## Microwave Sensor

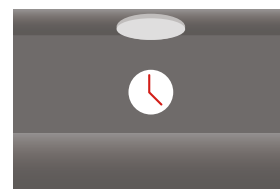
### On/Off Function (Stand-By Period is 0s)



1) If ambient light is at a sufficient level, the light will remain off even if motion is detected.

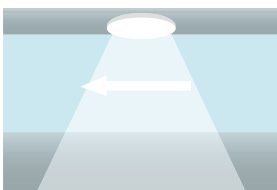


2) If ambient light is not sufficient, the light will switch on when motion is detected by the sensor.

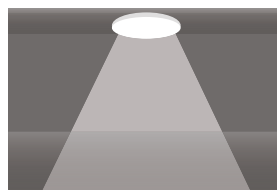


3) After hold-time elapses, the sensor will switch off the light if no motion is detected.

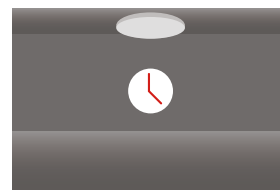
### Daylight Threshold Set To 'Disabled'



1) If motion is detected, the light will switch on.

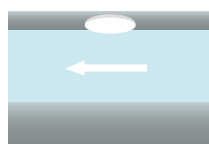


2) The sensor keeps the light on for the set hold time after the object leaves the detection area.

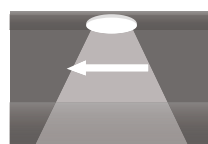


3) After hold-time elapses, the sensor will switch the light back off.

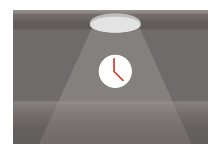
### Corridor Function



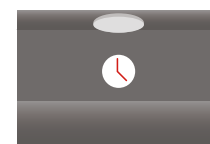
1) If ambient light is at a sufficient level, the light will remain off even if motion is detected.



2) If ambient light is not sufficient, the light will switch on when motion is detected by the sensor.



3) After hold-time elapses, the sensor will switch back to the preset low light level if no motion is detected.

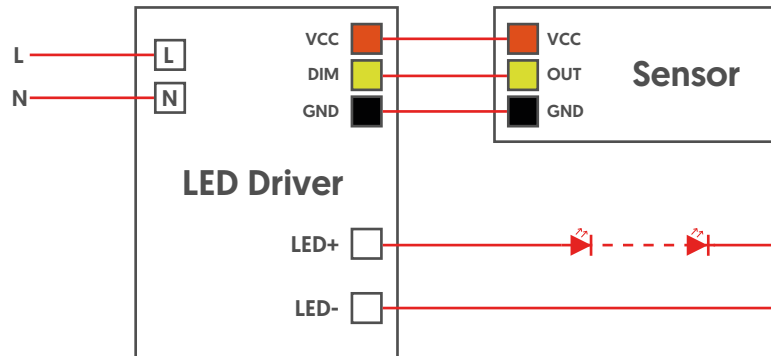


4) After stand-by period elapses, the sensor will switch the light off if no motion is detected.

# Taurus

## Microwave Sensor

### Wiring Diagram\*



### Important Notes

- 1) Wiring must be strictly in accordance with the wiring diagram to avoid short circuit.
- 2) Microwaves cannot penetrate metal. Do not place the sensor within an enclosed metal fitting or half-closed metal fitting. Metal or glass (thicker than 20mm) should not cover the sensor, as this will affect performance.
- 3) The sensor should be kept as far away from the driver as possible to avoid interference and unexpected light flashing.
- 4) Vibration signals may be picked up as moving signals, therefore triggering the sensor. Avoid placing the sensor near objects that vibrate regularly, such as metal equipment, pipes, air conditioning outlets, exhaust vents, smoke exhaust machine ports, shaking fans etc.
- 5) The sensor should be kept safe from hazards such as rain or wind (light fitting should have a high IP and IK rating if placed outside).