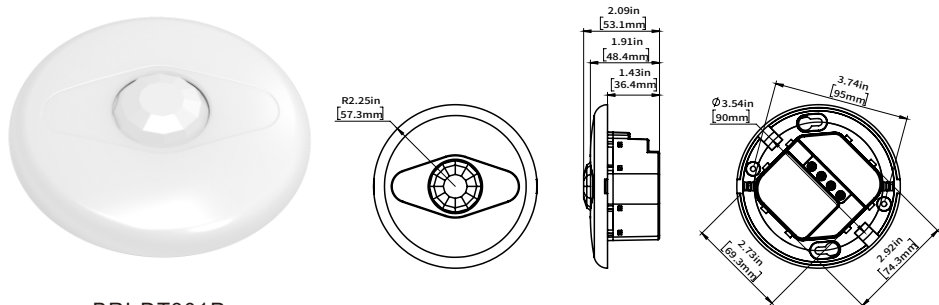




BRI-DT301P

INTRODUCTION

The product is a new Energy-saving switch, it adopts good sensitivity detector, integrated circuit and SMT. It gathers automatism, convenient safe, Energy-saving and practical functions. It utilizes the infrared energy from human as control-signal source, it can start the load at once when one enters detection field. It is easy to install and used widely, possessing the function of power show and detection show.

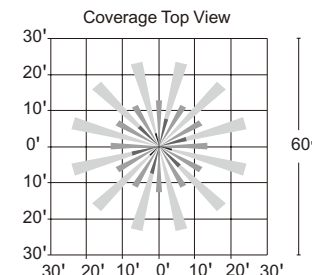
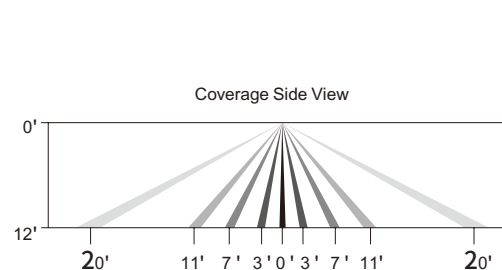
SPECIFICATIONS

Power supply	120-347VAC 50/60Hz
Maximum load @ 32°F ~ +131°F (0°C ~ +55°C)	@120VAC, 800W Ballast/LED/Tungsten @230VAC, 1200W Ballast/LED/Tungsten @277VAC, 1200W Ballast/LED/Tungsten @347VAC, 1500W Ballast/LED/Tungsten
Detection radius/angle	Max 20ft.(6m)/360°
Mounting height	Max 12ft.(4m)
Time setting	10sec./1/5/10/15/20/25/30min.
Light-control	10/20/50/100/200/300/500Lux/Disable
Humidity	Max. 95% RH
Operating Temperature	32°F ~ +131°F (0°C ~ +55°C)

NOTE: Warm up time is 40seconds. After the sensor connects input power first time, the light will keep on 40seconds, then go off to work normally.

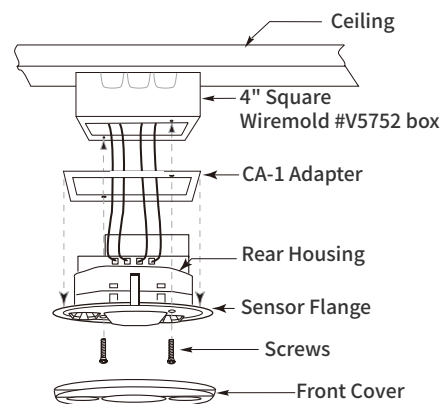
NOTE: Factory Default Setting: 100% sensitivity, Hold on time: 10seconds, daylight sensor is disable.

SENSOR INFORMATION



CEILING MOUNTING

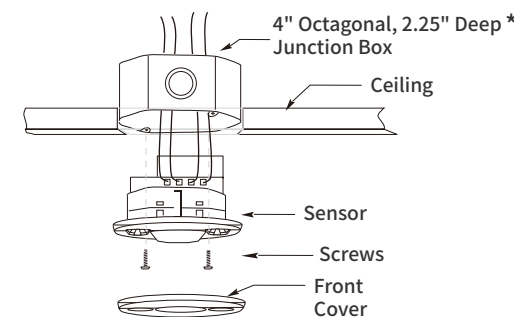
Using a 4-Inch Square Junction Box



Mounting to a 4" Square Wiremold V5752 box or 4" Square Junction Box with Double-Gang Mudring

Using an Octagonal Junction Box

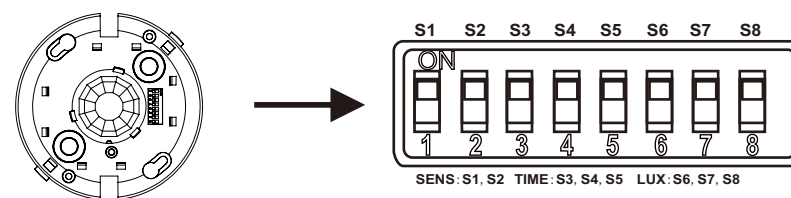
* The Junction Box must be at least 2.25" deep. If it is not, an extension ring is required.



Mounting to an Octagonal Junction Box

PARAMETER SETTING

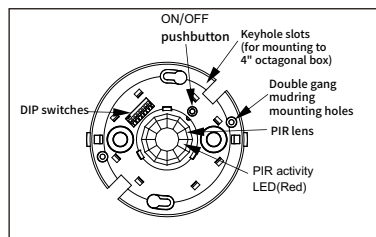
Shown as chart below : By setting the S1, S2 to set the detection range of products, by setting S3, S4, S5 to set the delay time of products, by setting the S6, S7, S8 to set the light-control of products.



There is a 40 seconds warm-up period when power is first applied.

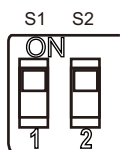
ON/OFF PUSH BUTTON:

Hold the button for 5 seconds to switch the sensor to Manual Switch Mode; the indicator light will stay on steadily. Press once to turn the light on; press again to turn it off. Hold the button for 5 seconds again to switch back to Sensor Mode, and the indicator light will flash. The sensor will enter the detection state according to the DIP switch settings.



Detection range setting (sensitivity)

Detection range is the term used to describe the radii of the more or less circular detection zone produced on the ground after mounting the sensor light at a height of 2.5m, pull switch to the ON position as "↑", pull switch to the OFF position as "↓", switch location and detection range of the corresponding table is as follows:



SENS: S1, S2

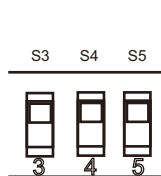
Feature	Switch#	
Detection Range	1	2
20%	↓	↓
50%	↓	↑
75%	↑	↓
100%	↑	↑

Note: the above detection range is gained if the detected person is between 1.6m~1.7m tall with middle figure and moves at a speed of 1.0~1.5m/sec. if person's stature, figure and moving speed change, the detection distance will also change.

ATTENTION: When use this product, please adjust the sensitivity to an appropriate position you need, please do not adjust the sensitivity to maximum, in case the product works abnormally because of wrong motion detection, including blowing leaves & curtains, small animals, or even power grid & electrical equipment. All the above factors can lead to abnormal work. When the product does not work normally, please try to lower the sensitivity appropriately, and then test it.

Time setting

The light can be set to stay ON for any period of time between approx. 10sec and a maximum of 30min. Any movement detected before this time elapse will re-start the timer. It is recommended to select the shortest time for adjusting the detection zone and for performing the walk test. Pull switch to the ON position as "↑", pull switch to the OFF position as "↓", switch location and detection range of the corresponding table is as follows:



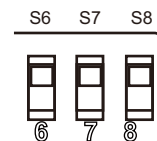
TIME: S3, S4, S5

Feature	Switch#		
Time	3	4	5
10s	↓	↓	↓
1min	↓	↓	↑
5min	↓	↑	↑
10min	↓	↑	↑
15min	↑	↓	↓
20min	↑	↓	↑
25min	↑	↑	↓
30min	↑	↑	↑

NOTE: after the light switches OFF, it takes approx. 4sec before it is able to start detecting movement again. The light will only switch on in response to movement once this period has elapsed.

Light-control setting

The chosen light response threshold can be infinitely from approx. 10-500lux, pull switch to the ON position as "↑", pull switch to the OFF position as "↓", switch location and light-control of the corresponding table is as follows:



LUX: S6, S7, S8

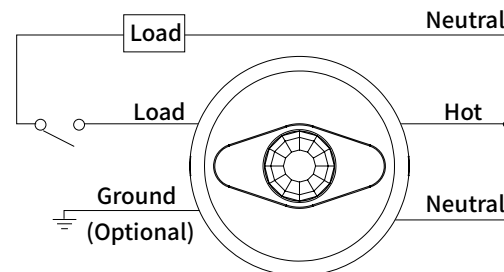
Feature	Switch#		
LUX	6	7	8
Disable	↓	↓	↓
10LUX	↓	↓	↑
20LUX	↓	↑	↓
50LUX	↓	↑	↑
100LUX	↑	↓	↓
200LUX	↑	↓	↑
300LUX	↑	↑	↓
500LUX	↑	↑	↑

◀ = Factory Setting
↑ = ON
↓ = OFF

Push button

Push the button to control the light on/off manually.

WIRING DIAGRAMS



WARNINGS AND CAUTIONS

DO NOT INSTALL THE SENSOR IN A SPACE CONTROLLING A TOTAL LOAD THAT IS HIGHER THAN THE RATING OF THE DEVICE. EACH SENSOR WILL NEED TO SWITCH THE ENTIRE LOAD EVEN IF ADDITIONAL SENSORS ARE INSTALLED. RISK OF OVERLOAD, PRODUCT DAMAGE, SMOKE AND OR FIRE MAY RESULT.

TURN THE POWER OFF AT THE CIRCUIT BREAKER BEFORE INSTALLING SENSORS.

AVERTISSEMENTS ET MISES EN GARDE

ATTENTION: NE PAS INSTALLER LE CAPTEUR DANS UN ESPACE CONTRÔLANT UNE CHARGE TOTALE SUPÉRIEURE À LA NOTE DE L'APPAREIL. CHAQUE CAPTEUR DEVRA CHANGER LA TOTALITÉ DE LA CHARGE MÊME SI DES CAPTEURS SUPPLÉMENTAIRES SONT INSTALLÉS. IL PEUT EN RÉSULTER UN RISQUE DE DÉCHARGEMENT, D'ENDOMMAGEMENT DU PRODUIT, DE FUMÉE ET D'INCENDIE.

ÉTEIGNEZ LE DISJONCTEUR AVANT D'INSTALLER LES CAPTEURS.