Installation Instruction

Infrared Fixture Integrated Sensor For High Bay Light

L5 (Low bay)

L6(High bay)

TL-2052+

[97.5]
3.84
[81]
3.2

[81]
3.2

G1/2

[44]
1.74

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

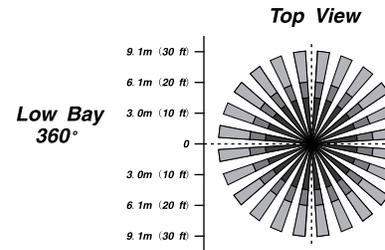| Power supply	120–347VAC 50/60Hz
Maximum load @ -40°F ~ +167°F (-40°C ~ +75°C)	Motor - 1/4 HP@120V Standard Ballast -800W@120V/1200W@277V/1500W@347V Fluorescent Ballast - 800W@120V/1200W@277V/1500W@347V
Lens L5	Max.dectection radius 30ft;Max.mounting height 25ft
Lens L6	Max.dectection radius 30ft;Max.mounting height 40ft
Time setting	10sec.-20min.(adjustable)
Light-control	☾ or ☀ (light sensor disable)
Humidity	Max. 95% RH
Temperature	-40°F ~ +167°F (-40°C ~ +75°C)

⚠ NOTE

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.

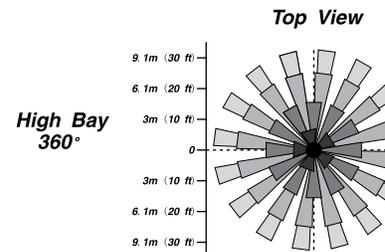**NOTE:** Factory Default Setting: 100% sensitivity, Hold on time: 10seconds, daylight sensor is disable.

NOTE: Any setting changed by DIP Switch, the led light that sensor connect will on/off as confirm.

Installation Instruction
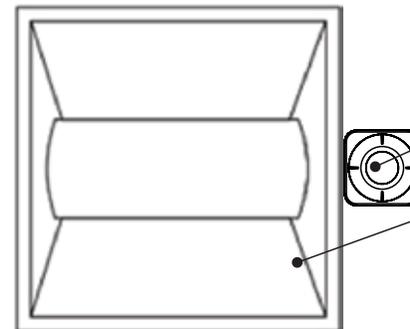
Infrared Fixture Integrated Sensor For High

SENSOR INFORMATION

L5 Lens

Top View

Low Bay 360°

9. 1m（30 ft）
6. 1m（20 ft）
3.0m（10 ft）
0
3.0m（10 ft）
6. 1m（20 ft）
9. 1m（30 ft）

L6 Lens

Top View

High Bay 360°

9.1m（30 ft）
6.1m（20 ft）
3m（10 ft）
0
3m（10 ft）
6.1m（20 ft）
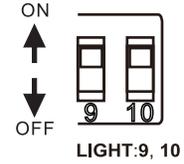9.1m（30 ft）

TL-2052+ MOUNTED TO L

PARAMETER SETTING BY DIP SWITCH

Shown as chart below : By setting the 1 to set the detection range of products , by setting 2,3,4,5,6,7,8 to set the delay time of products, by setting the 9, 10 to set the light-control of products.

Detection Range Setting (sensitivity)

Detection range is the term used to describe the raduis of the more or less circular detection zone produced on the ground after mounting the sensor light at a height of40ft, 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:
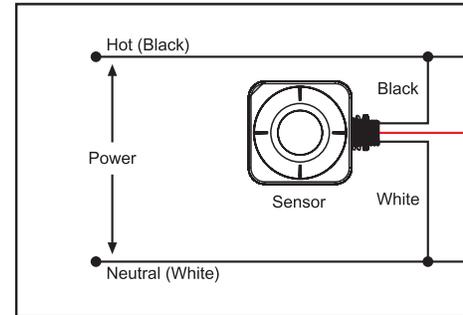
ON
OFF
SENSITIVITY:1
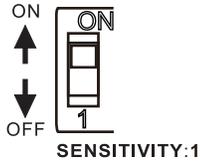
SENSITIVITY
1
↓ 50%
↑ 100%

Hold Time Setting

The light can be set to stay ON for any period of time between approx.10sec and a maximum of 20min. 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 hold time of the corresponding table is as follows:

ON
OFF
TIME:2, 3, 4, 5, 6, 7, 8

TIME

2	3	4	5	6	7	8	
↑	↓	↓	↓	↓	↓	↓	10S
↓	↑	↓	↓	↓	↓	↓	30S
↓	↓	↑	↓	↓	↓	↓	60S
↓	↓	↓	↑	↓	↓	↓	90S
↓	↓	↓	↓	↑	↓	↓	3Min
↓	↓	↓	↓	↓	↑	↓	5Min
↓	↓	↓	↓	↓	↓	↑	20Min

Light-control Setting

The chosen light response threshold can be position as "↑", pull switch to the OFF position corresponding table is as follows:

ON
OFF
9 10
LIGHT:9, 10

WIRING DIAGRAMS

Hot (Black)
Power
Neutral (White)
Black
Sensor
White

⚡ **WARNING**
TURN THE POWER OFF
BREAKER BEFORE INSTALL

⚡ **AVERTISSEME**
COUPER L'ÉLECTRICITÉ AU
AVANT D'INSTALLER LE CA