GekPower Sensor for 8ft and 4ft Linkable LED Linear Light Owner's Manual

BRIBI0-CF

Contents

Sensor for 8ft and 4ft Linkable LED Linear Light

SPECIFICATIONS

| Power supply	120/277VAC 50/60Hz
Maximum load © -40°F — +158°F (-40°C — + 70°C)	Resistive/Tungsten – 600W@120V Electronic Ballast (LED) – 800VA@120V/1200VA©277V
HF System	5.8GHz CW
Dim control output	0-10V. max. 25mA sinking current
Detection radius/angle	Max 26ft.(8m) /360°
Mounting height	Max 40ft
Humidity	Max. 95% RH
Temperature	-40°F — +158°F (-40°C — +70°C)

NOTE : The highfrequency output of this sensor is <0.2mW-that is just one 5000" of the transmission mrafa mabile phone or the output of a microwave oven.

Transmission power<0. 2mW
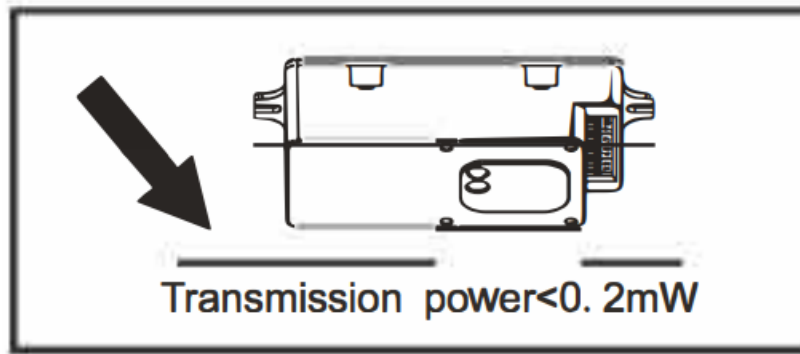
SENSOR COVERAGE
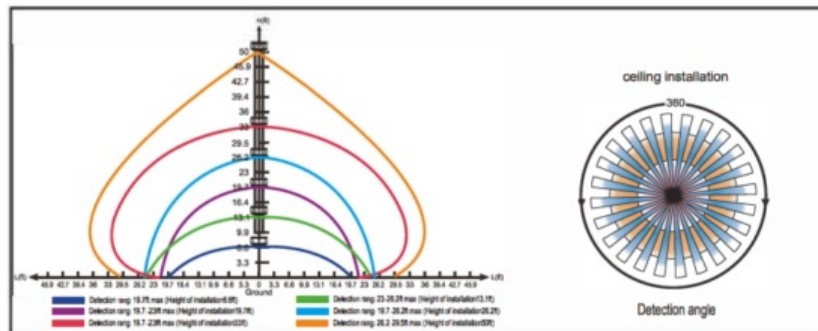
WARNING

NOTE: Warm up time is 15seconds. After the sensor connects input power, the light will keep on 15seconds, then go to dimming to work normally.

NOTE: Factory Default Setting: 100% sensitivity, Hold on time: 10seconds, Daylight sensor is 30lux, Dimming level:30%, Dimming time: 60minitues.

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

UTILIZING FIELD AND INTRODUCTION

BRI810-C-F is a moving object sensor that can detect range of 360° and it's working frequency is 5. 8GHz. The advantage of this product is stable working state (stable working temperature: -40°C~+70°C), BRI810-C-F adopts a microwave sensor (high-frequency output<0.2mW), so that it is safe and performs better than infrared sensor.
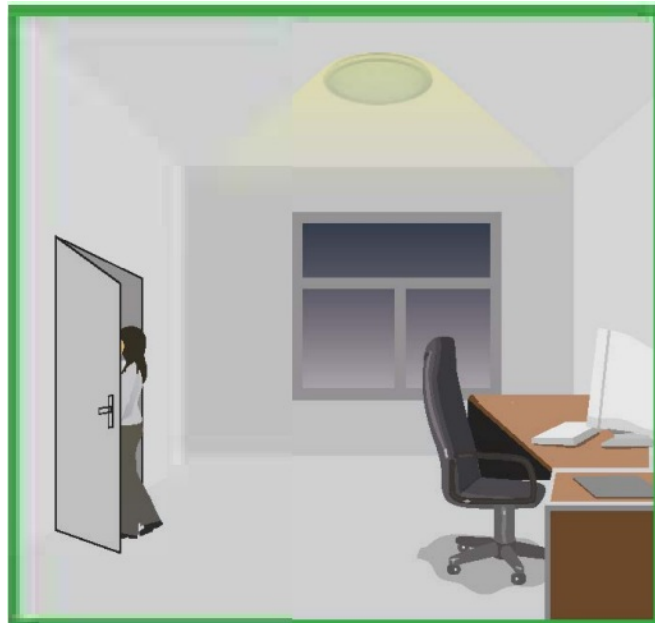
FUNCTION AND OPTIONS

With suffcient naturallight, the light does not switch on when presence detected.
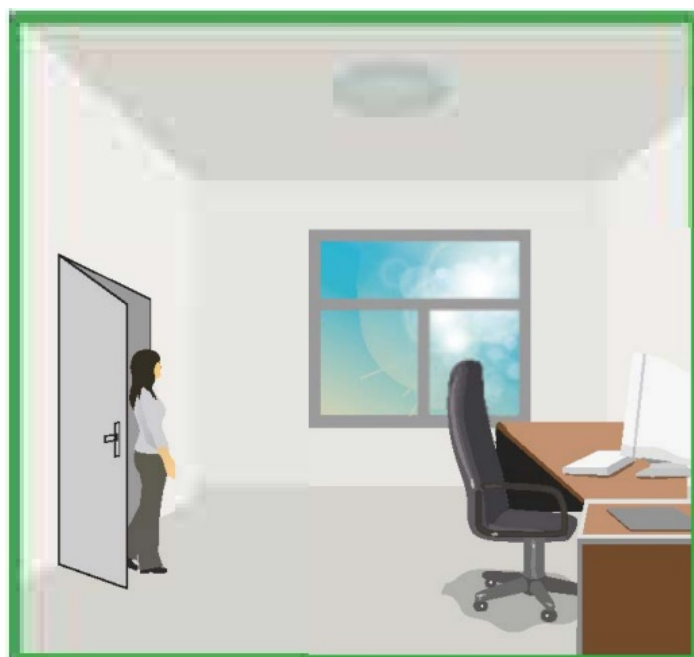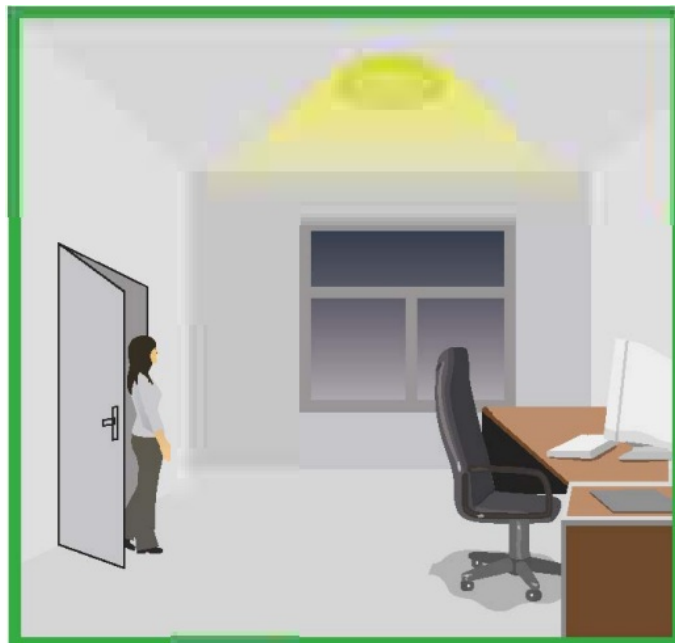
With insufficient natural light, the sensor switches on the light automatically when person enters room.

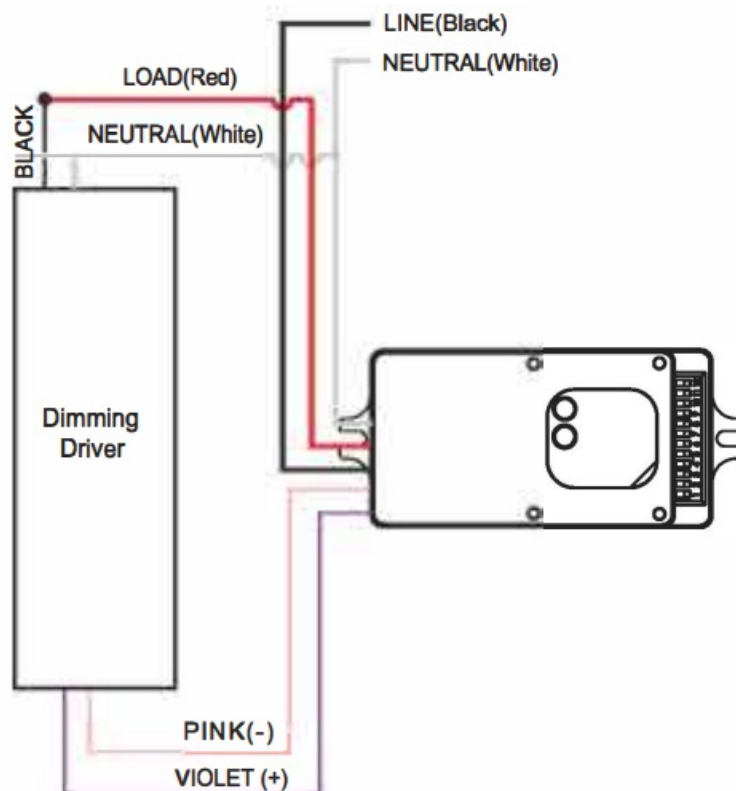People left, light still dims to 0/10%/30%/50% (options) standby level after the hold time.

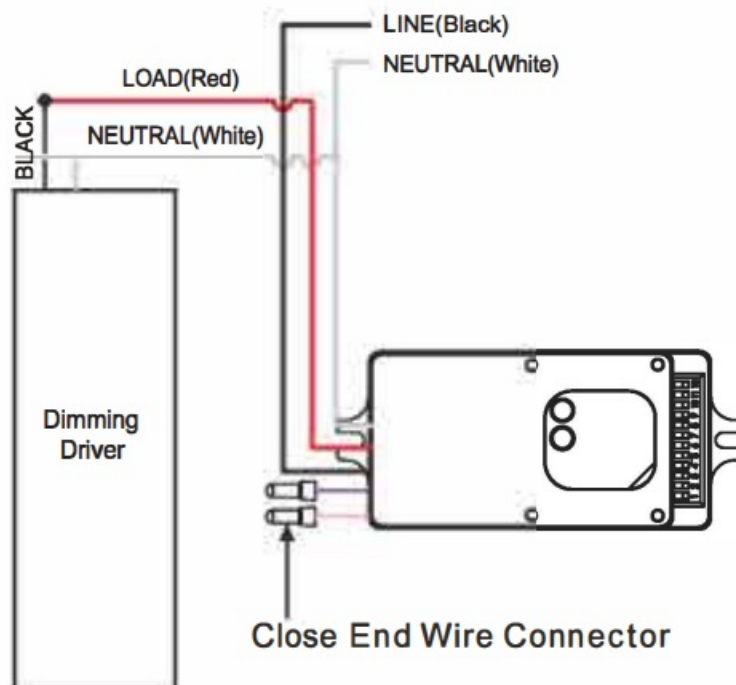Light switches off automatically after after stand-by time elapsed.

WIRING DIAGRAMS

Wiring with dimming ballast or LED driver.
Dimming Driver

LINE(Black)

NEUTRAL(White)

LOAD(Red)

NEUTRAL(White)

BLACK

Dimming
Driver

PINK(-)

VIOLET (+)

Wiring with non-dimming ballast or LED driver.
Non-Dimming Driver

LINE(Black)

NEUTRAL(White)

LOAD(Red)

NEUTRAL(White)

BLACK

Dimming
Driver

Close End Wire Connector

PARAMETER SETTING BY DIP SWITCH

Considerthe picture: 1,2 set sensitivity; 3, 4,5 set hold time; 6, 7,8 set stand-bytime; 1, 2 set the light-control 3, 4 setstand-bylightlevel ;
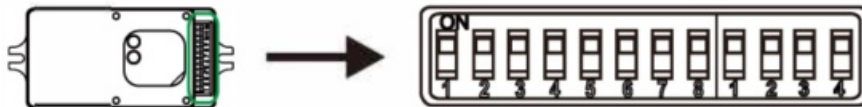
Detection Range Setting (sencitiviity)

Detection rang can be reduced by selecting the combination on the DIP switches to fit precisely each application:

SENSITIVITY:1, 2

| SENSITIVITY		
1	2	
↓	↓	20%
↓	↑	50%
↑	↓	75%
↑	↑	100%
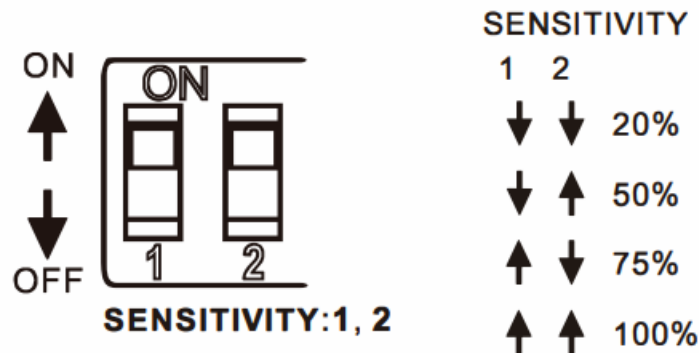
Hold Time Setting

Thelamp can besetto stay ON forany period of time between approx.10sec and amaximu of 30min. Any movement detected before this time elapse will re-startthe timer. It is recommended to select the shortest time for adjusting the detection zone and for performing the walk test.
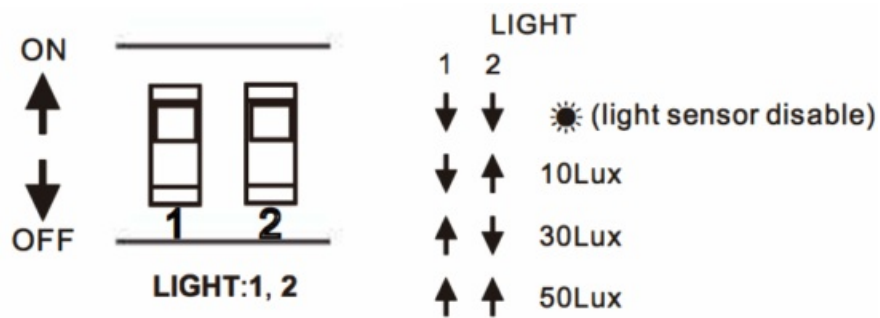Switch location andholdtime of the correspondingtable s as follows:

HOLD TIME:3, 4,5

HOLD TIME		
3	4	5
↓	↓	↓	10S
↓	↓	↑	1Min
↑	↓	↑	5Min
↑	↓	↓	15Min
↑	↑	↓	30Min
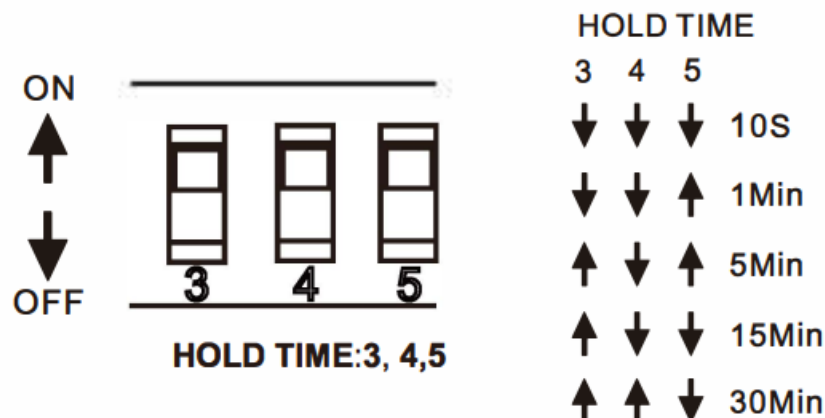
Stand-by Time Setting

File of switch location and stand-by time setting as follow:

STAND-BY TIME:6, 7,8

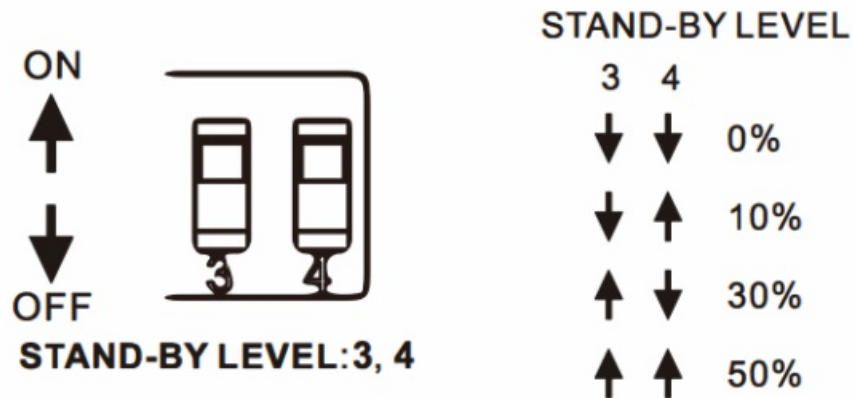| STAND-BY TIME		
6	7	8
↓	↓	↓	+∞
↓	↓	↑	1Min
↓	↑	↓	5Min
↑	↓	↓	15Min
↑	↑	↑	60Min
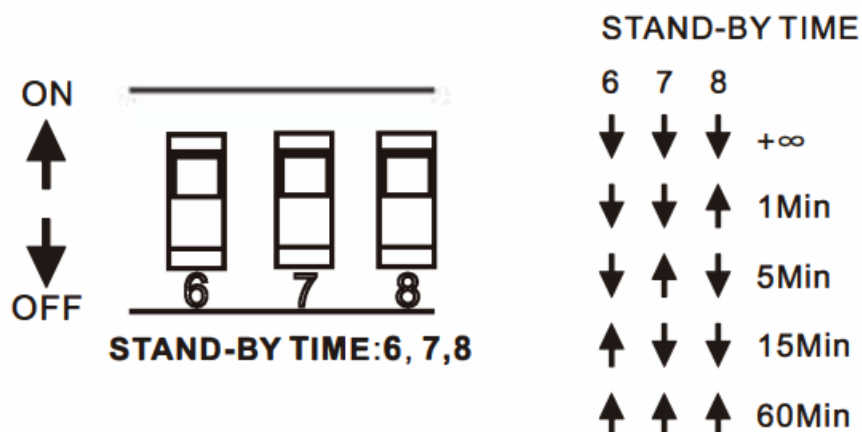
Light-control Setting

The chosen lamp response threshold can be infinitely from approx. 10-50lux, switch location and light-control of the corresponding table s as follows:

Stand-by Light Level Setting

The corresponding file of switch location and stand-by level s follows:

PARAMETER SETTING BY REMOTE CONTROL IN MANUAL OF RC-100.

GekPower

Documents / Resources

	GekPower Sensor for 8ft and 4ft Linkable LED Linear Light [pdf] Owner's Manual 8ft, 4ft, Sensor for 8ft and 4ft Linkable LED Linear Light, 8ft and 4ft Linkable LED Linear Light, Linkable LED Linear Light, LED Linear Light, Linear Light, Light, Sensor

References

- **User Manual**