

# PASSIVE INFRARED SENSOR FOR SECURITY LIGHTS

### Technical Specifications:

- Input Voltage: 100-277V 50/60Hz
- Rated load: MAX 350W
- Detection Range (horizontal): 150°/180°
- Detection Range (vertical): 90°
- Detection Distance: 19.6~68.8ft (6~21m) (adjustable)
- Time Setting: 5 seconds - 5 minutes±30%
- Ambient Light: Night detect :5-50Lux  
Day detect: 35-400Lux
- Photosensor sensitivity is adjustable (0-+∞ Lux)
- Detection Motion Speed: 0.6-1.5m/s
- Working Temperature: -4 °F to 113 °F (-20 °C to 45 °C)
- Installation Height: 3.3ft to 13.1ft (1-4m)
- Standard Height: 8.2ft (2.5m)
- Operating Model: ON TIME/Auto/D2D

3 year  
warranty

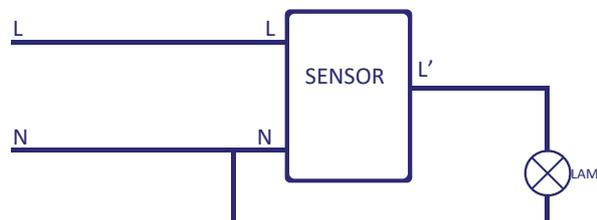


### Function:

- ON TIME: when switch to the On-Time mode, light stay on all the time.
- AUTO: in the auto model, when RANGE and LUX switch to the largest, light on when detect the body during day and night, and then off after 5 seconds to 5 minutes according to the TIME setting. When LUX switch to the minimum, light on 5 seconds to 5 minutes according to the TIME setting at dusk and just flashing twice at a time and not bright headlights during dawn when detect the body.
- Dusk to Down (D2D): when LUX switch to the minimum, light on all the time at dusk during 5-50Lux, and off after 5 seconds to 5 minutes according to the TIME setting in day time during 35-400Lux.

### Wiring Diagram:

L: BLACK  
N: WHITE  
L': RED



### Test Method:

- Link L to Fire Wire and link N to Null line as shown.
- Switch the button into ON-TIME model, light on all the time.
- Switch the button into AUTO model, when RANGE and LUX switch to the largest, light on when detect the body during day and night, and then off after 5 seconds to 5 minutes according to the TIME setting. When LUX switch to the minimum, light on 5 seconds to 5 minutes according to the TIME setting at dusk and just flashing twice at a time and not bright headlights during dawn when detect the body.
- Switch the button into D2D model: when LUX switch to the minimum, light on all the time at dusk during 5-50Lux , and off after 5 seconds to 5 minutes according to the TIME setting in day time during 35-400Lux.

