

MDSN-IR

Motion and Daylight Sensor for LED lights

Product ID: 49706

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



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This motion and daylight detecting sensor that automatically turns on an attached light fixture when motion is detected or the level of daylight drops. This motion sensor can also detect ambient lighting and tell whether it is night or day outside. Depending on the settings, operators can set the limit for sensitivity for motion and ambient light. The sensor is also equipped with a time delay relay, which determines how long the attached light stays on after person has left detection field.

Adjustable Settings:

Sensitivity: Turn knob #1 clockwise to raise the sensor`s sensitivity to motion and anti-clockwise to reduce it.

Time Delay: Turn knob #2 clockwise to lengthen operating time and turn it anti-clockwise to shorten operating time.

Ambient Lighting: Turn knob #3 to clockwise to increase sensitivity to ambient light and anti-clockwise to reduce sensitivity to ambient light.

Specifications:

Detection Distance: 2 to 11 Meters (Adjustable)

Detection Range/Field: 180 Degrees

Power Source: 120-277V AC, 12V DC, or 24V DC

Rated Load: 800 Watts
Device Draw: 1 Watt
Working Temperature: -10 Degrees C to 40 Degrees C
Time Delay: 5 sec to 7 min (Adjustable)
Ambient-Light: <10 to 2000 Lux (Adjustable)
Installation Height: 1.8m to 2.5m
Housing Color: Black

Dimensions:
1.8" Tall, 3.25" w/ bracket
2.4" Wide
4" Deep

Frequently Asked Questions (FAQ)









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Export Control Classification Number (ECCN): EAR99

Options:

MDSen-IR-Voltage

Example: MDSen-IR-120V

Voltage	
120V	-120V
12V	-12V
24V	-24V

Links (Click on the below items to view):

- [Dimensional Drawing 2D](#)
- [Operations Manual](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
- [HigResPic9](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)