Motion Sensor with Dimming Function

FOR SINGLE COLOR LED TAPE

Product Name: **Motion Sensor with Dimming Function**
Item number: **CON-MS01-HW**
The controller adopts the most advanced PWM (Pulse Width Modulation) digital control technology for controlling constant voltage LED lamps. The function is switching on/off and dimming the light by using people's hands to go through the ITR sensor without touching.



Features

- Designed for single color constant voltage LED lights in Kitchen worktop lighting/ bathroom mirror application.
- DC12-24V, output current: 1ch*6A.
- Stable sensitivity with ITR sensor, soft light up and down.
- 3-year warranty excludes the artificial situation of damaged or overload working.

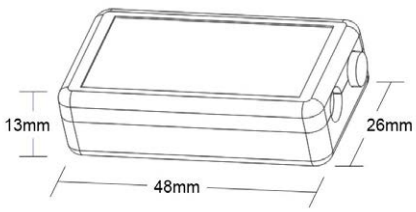
Technical Parameters

Packing size	L100*W65*H40 mm
External dimension	L48*W26*H13 mm
Net weight	50g
Gross weight	65g
Working temperature	0-45 °C
Supply voltage	DC12V-24V
Static power consumption	<1W

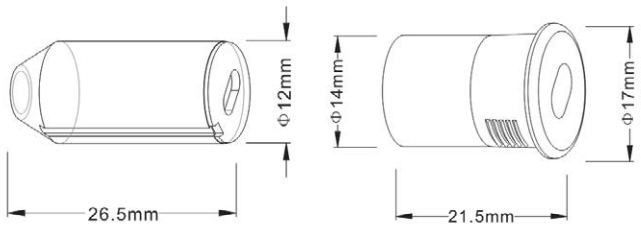
Sensor	ITR
Sensor range	0-8 cm
Sensor cable	1 meter
PWM frequency	490Hz
Dimming range	0.4%-100%
Output current	≤6A
Max. Output power	12V:<72W, 24V:<144W

Dimensions

Controller:



Sensor:



JOYOLIGHT GROUP INC.

#12, 5200 Dixie road
Mississauga, ON, L4W 1E4

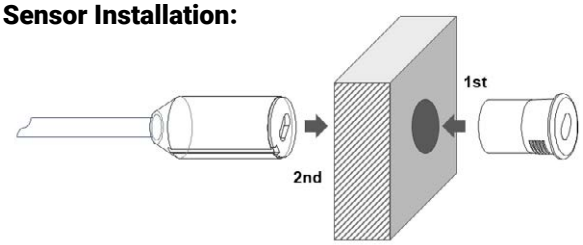
www.joyolight.ca
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647-496-8107 (CA)

Direction for Use

Short-time (<1.5s) blocking the sensor in 0-8CM range, output lighting will gradually light on/off;

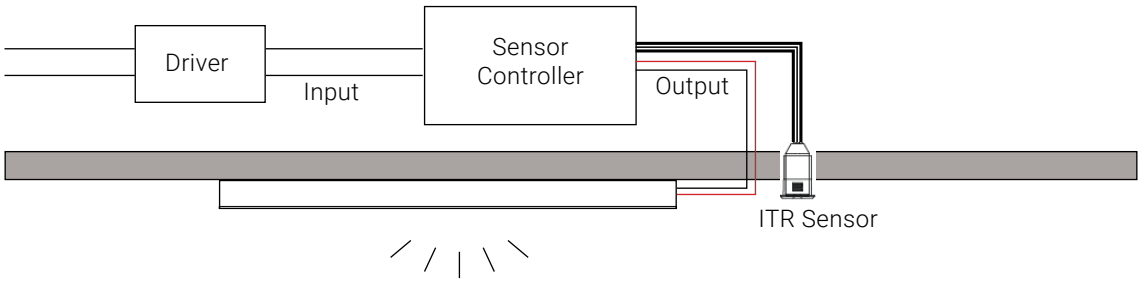
Long-time (>1.5s) blocking the sensor in 0-8CM range, output lighting will gradually to brighten up/dim down in turn (brighten up in this time operation, will dim down in next time operation), smartly and flexibly to adjust the brightness with good use-feeling.

Sensor Installation:



Typical Application

Under Cabinet



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