

SUBJECT SPECIFICATION SHEET

SMG2045INT

CUSTOMER PROJECT

Project: _____
 Type: _____
 Cat. No.: _____
 Qty: _____
 Date: _____
 EEL Rep: _____

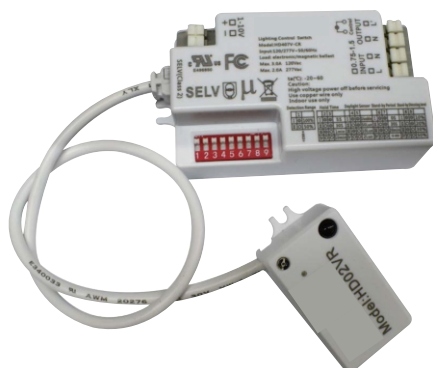
EELighting

solutions closer to nature

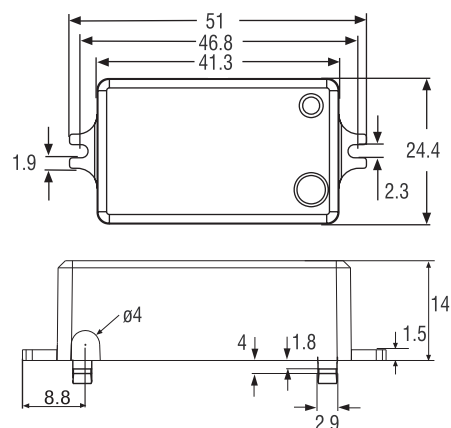
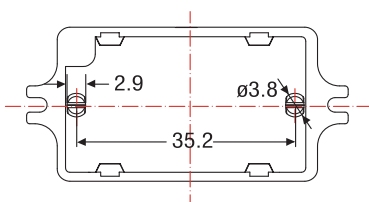
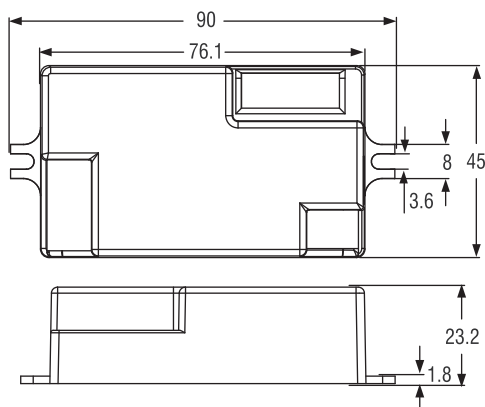
Telephone: 905 415 8878 Fax Number: 905 415 8872 Toll Free Telephone: 855 415 8878 Toll Free Fax: 855 415 8872

PRODUCT DESCRIPTION

This is a ON/OFF daylight dimming sensor that can detect a range of 30° to 150° and its working frequency is 5.8GHz. An advantage for this sensor is its stable working state (stable working temperature: -20°C + 60°C). It adopts a microwave power (less than 0.3mw). It is safe and perform better than infrared sensor.



SMG2045INT
ON/OFF Daylight Dimming
Sensor



Compliance

cULus Listed

Warranty

5 years

ORDERING CODE, ENERGY AND PERFORMANCE DATA



Model No.	Voltage (V)	Maximum Load
SMG2045INT	120-277	3.0A @ 120V AC 2.0A @ 277V AC



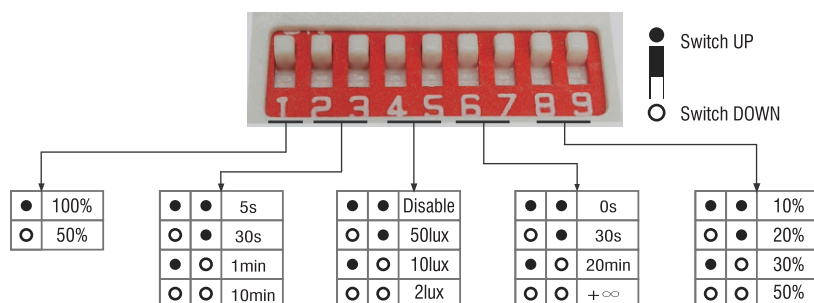
www.eelighting.ca



Specification

Operating voltage	120~277 VAC 50/60Hz
Switching capacity	Max.3.0A@120Vac,Max.2.0A@277Vac
Standby power	<1W
Detection area	50%/100%
Hold-time	5s/30s/1min/10min
Daylight threshold	2Lux/10Lux/50Lux Disable
Stand-by period	0s/30s/20min/+∞
Stand-by dimming level	10%/20%/30%/50%
Microwave frequency	5.8GHz ± 75MHz
Microwave power	<0.3mW
Interfaces	6-pole pluggable clamp terminal (L,N,N.L',1-10v+,1-10v-)for 0.75- 1.5mm ² cable
Mounting height	Max.6m(ceiling mounted)
Detection range	Max.14x6m(ceiling mounted) Max.10m(wall mounted)
Detection angle	30°-150°
Operating temperature	-20°C~+60°C
IP rating	IP20

Setting



Detection area

Detection area means detection coverage. It can be adjusted by combining DIP switches for specific application.

Hold-time

Hold-time means the time period the light will be ON after the last detection.

Daylight threshold

Daylight sensor priors to motion sensor.Set threshold for specific needs.If Disable, only motion sensor works.

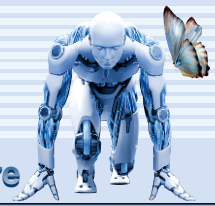
Stand-by period

This is the time period the light keeps dimming down after the last detection.

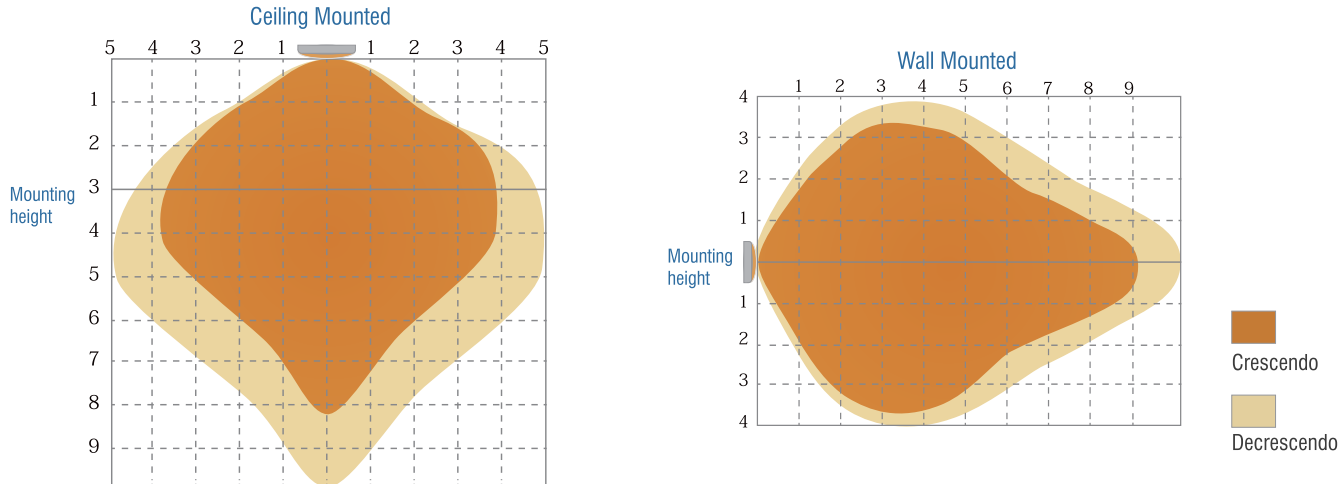
Stand-by dimming level

This is the dimming level the light keeps during standby-by period.

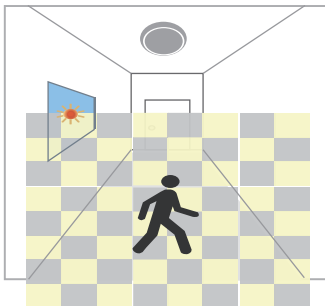




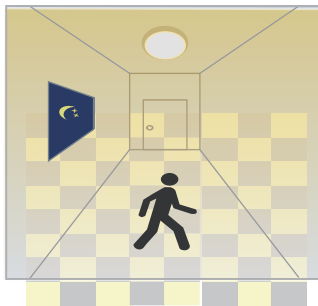
Detection Coverage



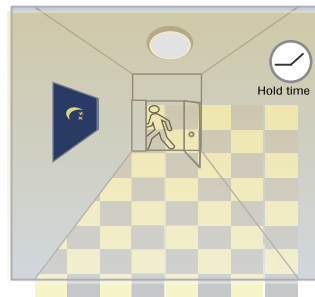
Application (Function Demo-Dimmable control/Corridor Function)



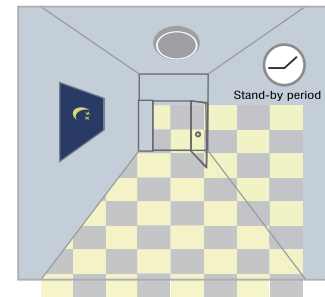
With sufficient daylight, even when motion detected, light remains OFF.



With insufficient daylight, when motion detected, light is ON.

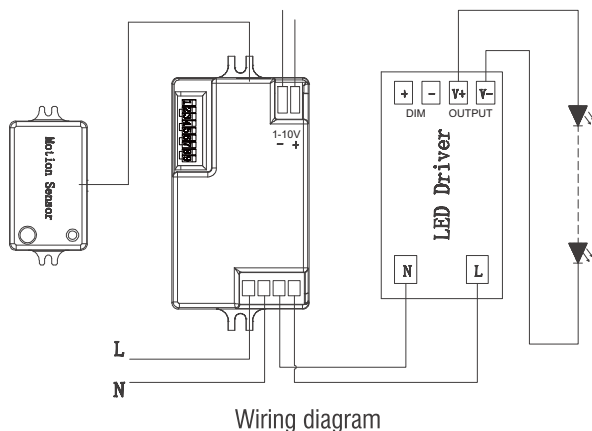


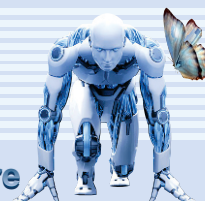
After last detection, the light will be dimmed down to the stand-by dimming level (10%,20%,30% or 50%) after holdtime.



After the stand-by period, Light will turn OFF

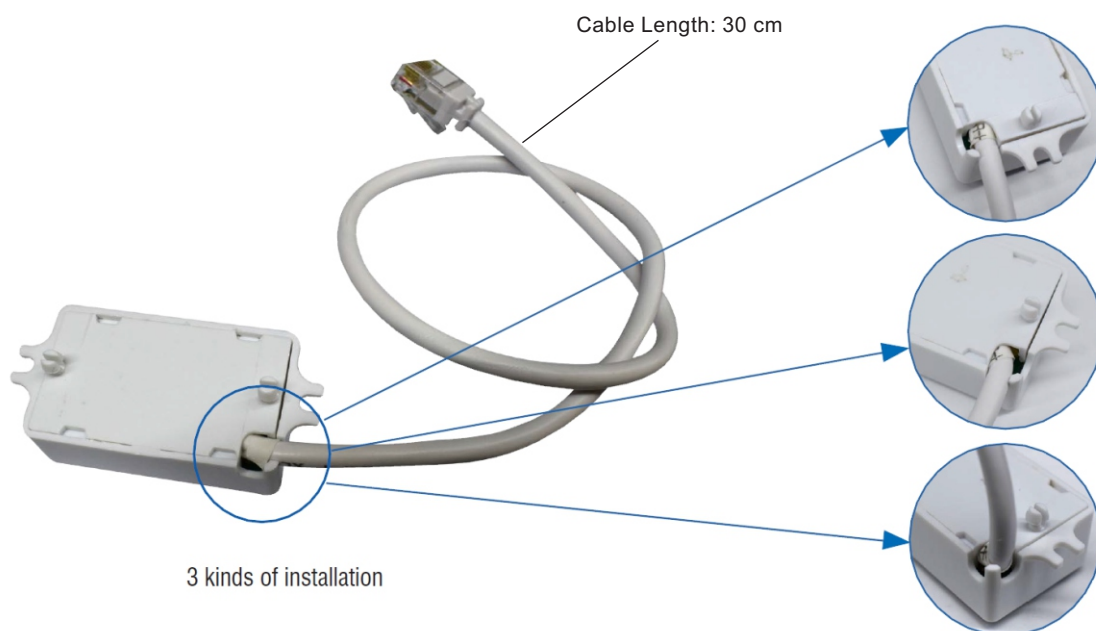
Wiring Diagram





Installation

HD02VR Wire diameter 4mm Standard Version Cable length 30cm



3 kinds of installation

