



MOTION SENSOR | SMR6032INT SERIES



RATED INPUT VOLTAGE
120-277V AC 50/60Hz

OPERATING INPUT VOLTAGE
108-305V AC 50/60Hz

STAND-BY POWER
≤1W

SURGE TEST
L-N 1kV

OUTPUT LOAD CAPACITY

- 2A @120Vac
- 3A@277Vac
- 3A@220-240Vac

MAXIMUM SURGE CAPACITY

- 30A
50%I_{peak}, twidth = 500μs
230Vac full load, cold start
- 60A
50%I_{peak}, twidth = 200μs
230Vac full load, cold start

DIMMABLE
1-10V

OPERATING FREQUENCY
5.8 GHz ±75 MHz, ISM Band

TRANSMITTING POWER
0.5mW maximum

OPERATING TEMPERATURE
-25°C to 60°C



PROJECT _____ QTY _____
TYPE _____ DATE _____
CATEGORY # _____ EELIGHTING REP _____

The SMR6032INT is an internal 1-10V dimmable motion sensor for 120-277V applications. The needle antenna is designed to maximize the motion detection area - eliminating blind spots.

Further differentiating itself from other sensors on the market, the SMR6032INT has been specifically designed for stable performance when integrated in metal luminaire enclosures and for use in application environments with metal roofing without interference.

CERTIFICATION & COMPLIANCE

- cULus
- CE
- RoHS

IP & IEC PROTECTION CLASS

- IP20
- IEC Class II



Safety Standards

- EN61058-1
- UL60703-1

EMC Standards

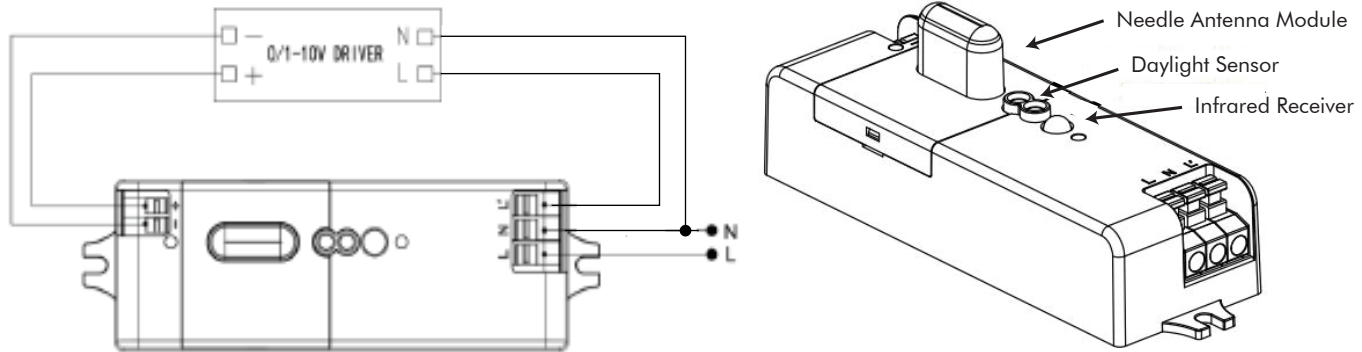
- EN300440
- EN301489-1
- EN55015
- EN61547
- EN61000-3-2
- EN61000-3-3
- EN62479





WIRING & COMPONENTS

This product cannot be sold separately. Installation of the SMR6032INT for applicable luminaries must be undertaken by EELighting.



SENSOR PARAMETERS

Hold Time

- 5s (default)
- 30s
- 1min
- 3min
- 5min
- 10min
- 20min
- 30min

Standby Dim Level

- 10% (default)
- 20%
- 30%
- 50%

Standby Period

- 0s (default)
- 10s
- 1min
- 3min
- 5min
- 10min
- 30min
- +∞

Detection Area

- 100% (default)
- 75%
- 50%
- 25%

Daylight Sensor

- 5lux
- 15lux
- 30lux
- 50lux
- 100lux
- 150lux
- Disabled (default)

Detecting Radius

- $\geq 4m$

When sensor is mounted
at a height of 3m.

Detection Angle

- 150°

When sensor is mounted at a height of 3m.



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ORDERING GUIDE

Example Model# (MPN Prefix): **SMR6032INT**

Make it Easy: Use our online configurator

SERIES	VOLTAGE	DISTINCTION 1	DISTINCTION 2
SMR60	3 120-277V	2 Version designation	INT Internal/Integrated

Model #	Description	
SMR6032INT	Motion Sensor SMR6032INT(120-277V)	Integrated Infrared Motion Sensor for 120-277V applications.

ACCESSORIES *Sold Separately*

Model #	Description	
RC1040	Remote Control 1040	This product cannot be sold separately and must be purchased alongside the SMR6032INT.

The optional remote control (RC1040) must be used should changes from the default parameters be required.

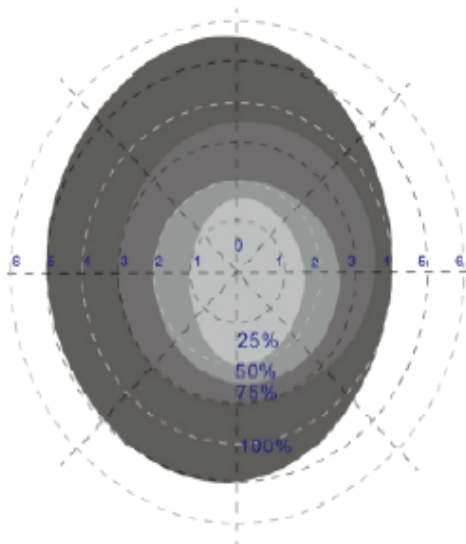


RADIATION PATTERN

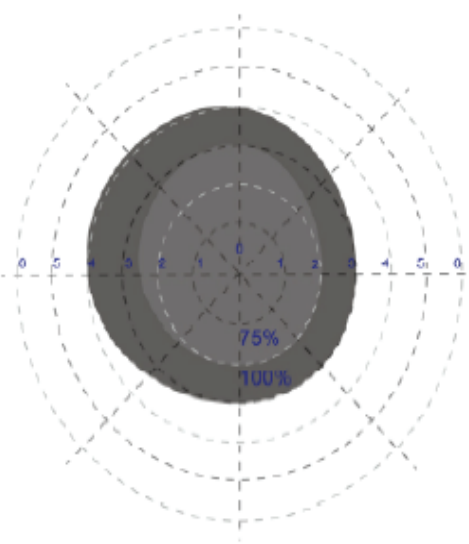
Ceiling Mount

- Mounting Height: 3m
- Detection Area: 100%/75%/50%/25%

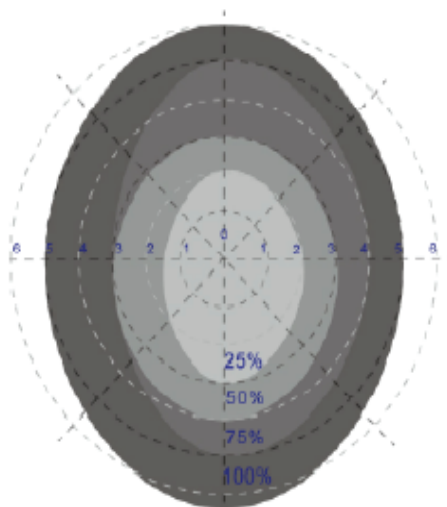
- Mounting Height: 6m
- Detection Area: 100%/75%



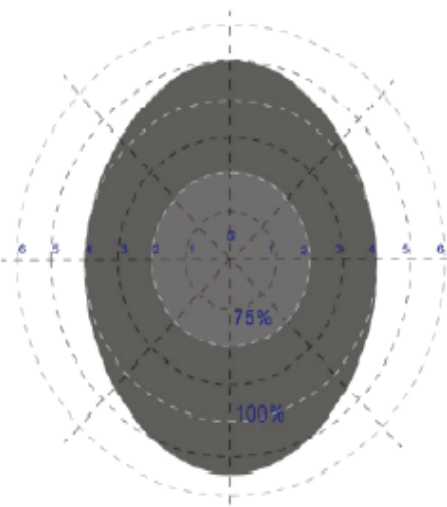
Moving speed: 1m/s



Moving speed: 1m/s



Moving speed: 0.3m/s



Moving speed: 0.3m/s