Individual Spec Sheet

LINE VOLTAGE CEILING SENSOR

FIELD INSTALLABLE

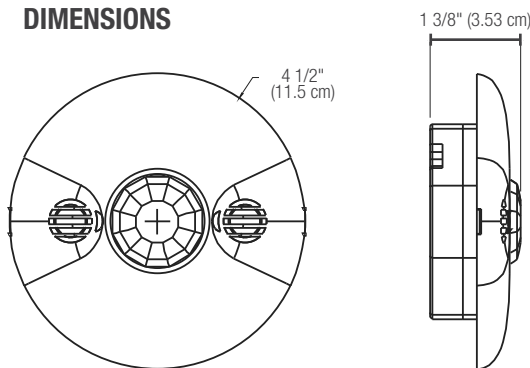Integrated Bluetooth® Mesh Technology

ORDERING INFORMATION

Order code: 69744
Model number: OSI-PIR107D
UPC: 069549029651
DLC ID: N-HK2HBX

This line voltage Bluetooth® ceiling sensor has PIR + Ultrasonic motion sensor technology. It helps to maximize detection range without any false triggers and can be used with our Genio app via a smart phone or a wireless control switch.

SENSOR TECHNICAL SPECS

Input voltage:	120-277 V AC
Frequency:	50/60 Hz
Resistive:	800 W Max @ 120 V AC
Tungsten:	800 W Max @ 120 V AC
Electronic ballast:	800 W Max @ 120 V AC, 1 600 W Max @ 277 V AC
Motor:	1/4 HP @ 120 V AC
Color:	White
Operating temperature:	0 °C to 55 °C (32 °F to 131 °F)
Housing material:	UL 94-5 VA
Bluetooth® transmit:	100 ft Max
Radio frequency:	2.4 GHz ± 75 MHz

DIMENSIONS

4 1/2" (11.5 cm)

1 3/8" (3.53 cm)

Bluetooth®

5 yrs
warranty

quick
ship

dry
location

indoor

DLC LISTED

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2233 rue de l'Aviation, Dorval, QC H9P 2X6
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WIRING DIAGRAMS

Fixtures with non-smart drivers - wired connection

Hot(Black)

120-277VAC 50/60Hz

Neutral(White)

Black (18AWG)

Red (18AWG)

Black

White

Sensor

White (18AWG)

Non-smart driver
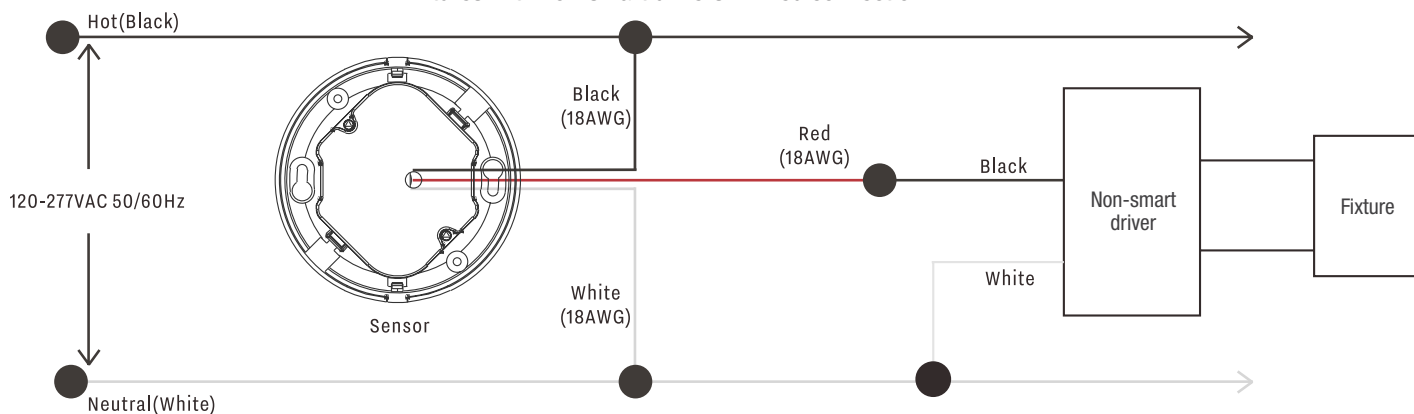
Fixture

Fixtures with non-smart drivers - wireless connection

Hot(Black)

120-277VAC 50/60Hz

Neutral(White)

Black (18AWG)

Wireless connection

Sensor

White (18AWG)

69741 or 69742

Non-smart driver

White
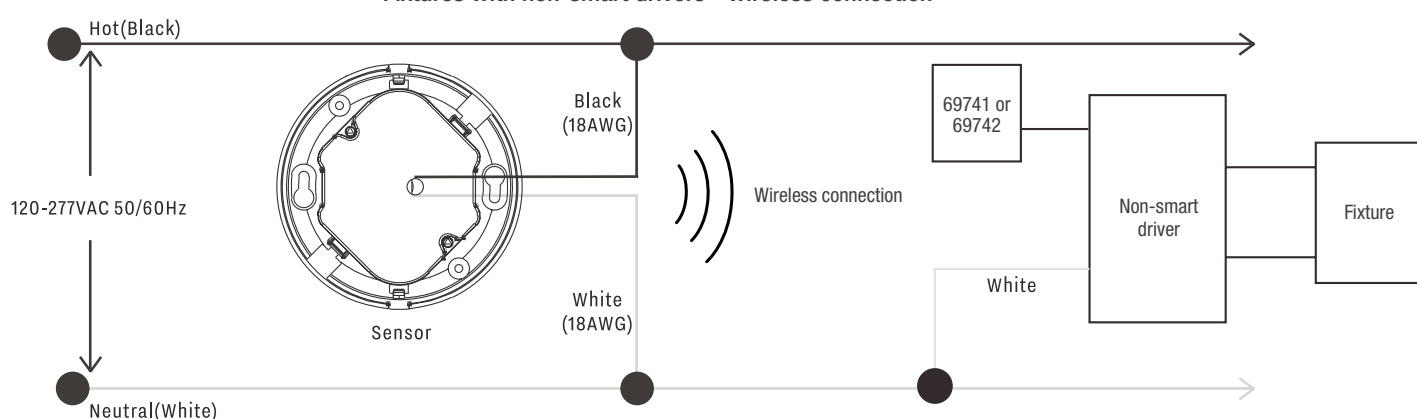
Fixture

Fixtures with smart drivers
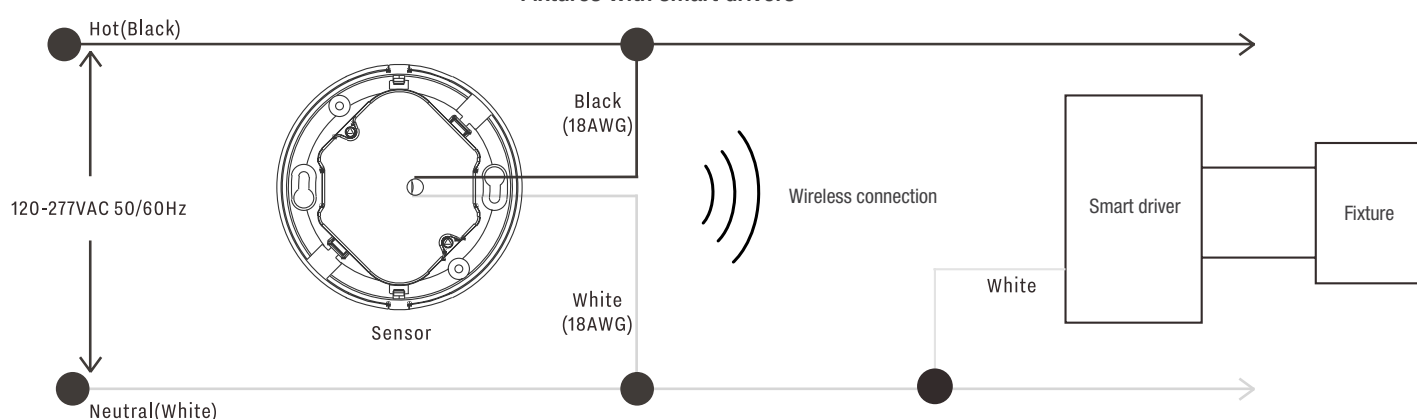
Hot(Black)

120-277VAC 50/60Hz

Neutral(White)

Black (18AWG)

Wireless connection

Sensor

White (18AWG)

Smart driver

White

Fixture

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.
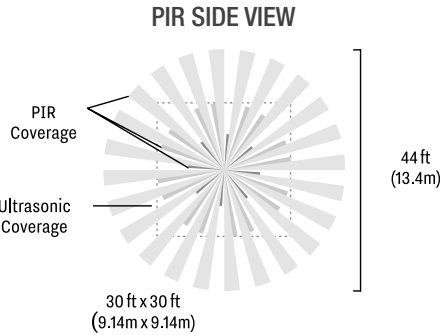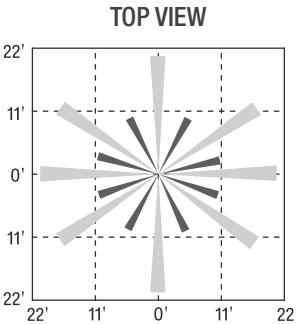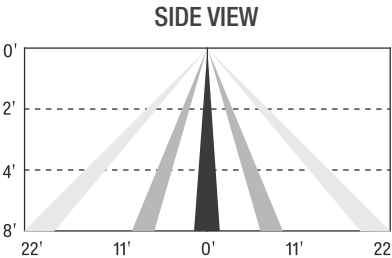
SENSOR MOUNTING AND DETECTION RANGE

Mounting Height	8 ft (2.4 m) Max
Detection Range	44 ft (13.4 m) Max

SIDE VIEW

0'
2'
4'
8'
22' 11' 0' 11' 22'

TOP VIEW

22'
11'
0'
11'
22'
22' 11' 0' 11' 22'

PIR SIDE VIEW

PIR Coverage

Ultrasonic Coverage

44 ft (13.4m)

30 ft x 30 ft (9.14m x 9.14m)

Qty	Description	Price

I accept the specifications of the luminaire configuration mentioned above.

Name:

Company:

Signature: Date:

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GENIO CONTROL SYSTEM FEATURES

Genio is Stanpro's smart brand of lighting and emergency lighting. Integrating the latest in Bluetooth® Mesh technology, Genio products allow for customizable features that can be adjusted at your fingertips using a smartphone or other compatible devices. This system is easy to use, versatile and futureproof! Please see below for some of the key features[1] of the Genio control system:

LIGHTS
Instantly control the color temperature, wattage, lumen output and dimming.

GROUPS
Easily group luminaires together and control them as a single unit.

SCENES
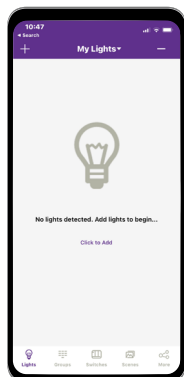Customize your lighting through scenes and create different atmospheres for occasions and activities.

SCHEDULES
Set schedules to specify dates, times and recurrence patterns for changing the settings of your lighting.

SENSOR
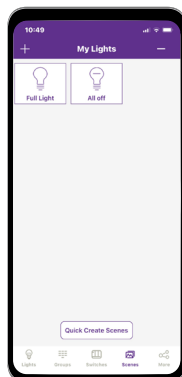Adjust the integrated PIR motion sensor and daylight harvesting settings.

Lights
- Add
- Name or Rename
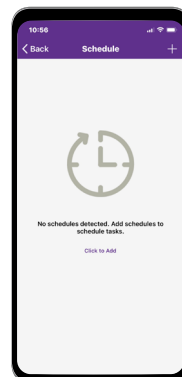- Dimming and Color Tuning
- Delete
- Sensor Settings

Groups
- Create
- Rename
- Delete
- Add or Remove Lights
- Adjust Group Linkage Level
- Turn On/Off
- Adjust Group Dimming
- Activate Auto Mode

Scenes
- Create
- Edit
- Delete

Schedules
- Creating
- Associate a Schedule To Lights, Groups, or Scenes
- Set a Repeating
- Set Fade Time
- Delete
- Enable Or Disable

Download on the **App Store**

GET IT ON **Google Play**

Download our App Instruction Guide