SMALL SPACE LED LUMINAIRE WITH MOTION SENSOR

Our Small Space LED Luminaire with Motion Sensor provides unparalleled performance, improved efficacy, more usable lumens per watt, and is a reliable and sustainable LED lighting solution for small areas.

This luminaire also includes an Occupancy Mode option that will automatically switch on when it detects motion up to 20-feet away. See Figure 1.

BENEFITS

- ETL Listed to UL 1598 Standards.
- Meets the requirements of the 2017 National Electrical Code: Articles 410.16A(1)(3), C(1)(3)(5), 410.52, and 410.74(A)(B).
- For "New" or "Retrofit" applications.
- Energy efficient and optimized light output.
- Significant energy savings.
- Cost-effective, eliminates batteries, and saves money.
- Suitable for indoor applications only.
- Prescriptive rebates may be available from electric utilities or co-ops. Complies with general rebate requirements for lighting upgrades.
- Five (5) year warranty.

FEATURES

- Designed for ceiling and wall mount applications.
- When used with the motion sensor, the luminaire automatically lights when occupancy is detected; turns off after a three (3) minute vacancy.
- Operates on 120V line voltage. No separate line voltage is needed for a wall switch.
- Corrosion resistant housing.
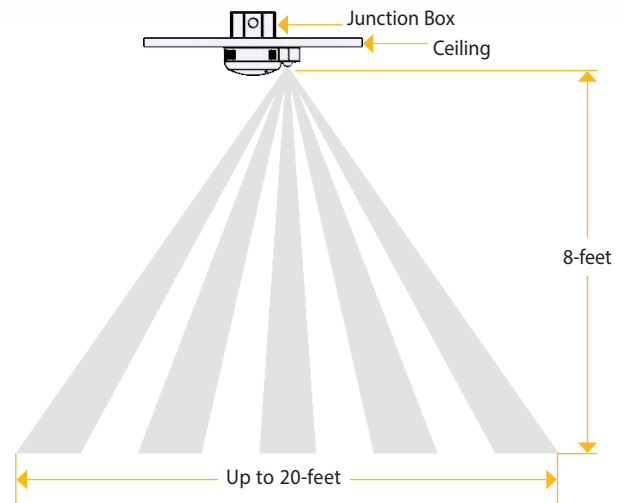- Snap-on Frosted Acrylic Diffuser.
- Small form factor.

SMALL SPACE LED LUMINAIRE WITH MOTION SENSOR

Junction Box
Ceiling
8-feet
Up to 20-feet

Figure 1

OPERATING MODE — THREE (3) SWITCH OPTIONS

This luminaire features three (3) operating modes. Set the toggle switch on the luminaire to the operating mode that suits your application. See Figure 2.

1. **Wall Switch Mode:** Will operate as a "switched" luminaire (controlled by a standard wall switch).

2. **OFF:** Functions as standard ON/OFF Switch to energize the luminaire.

3. **Motion Sensor Mode:** The "Green" LED (next to the motion sensor) indicates the luminaire is operating in the automatic mode to detect the presence of motion up to 20-feet away. The luminaire will continue to operate until no motion is detected for an additional three (3) minutes, then will "Shut-Off". See Figure 3.
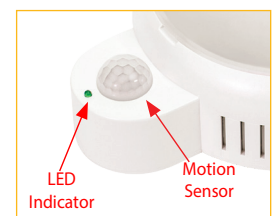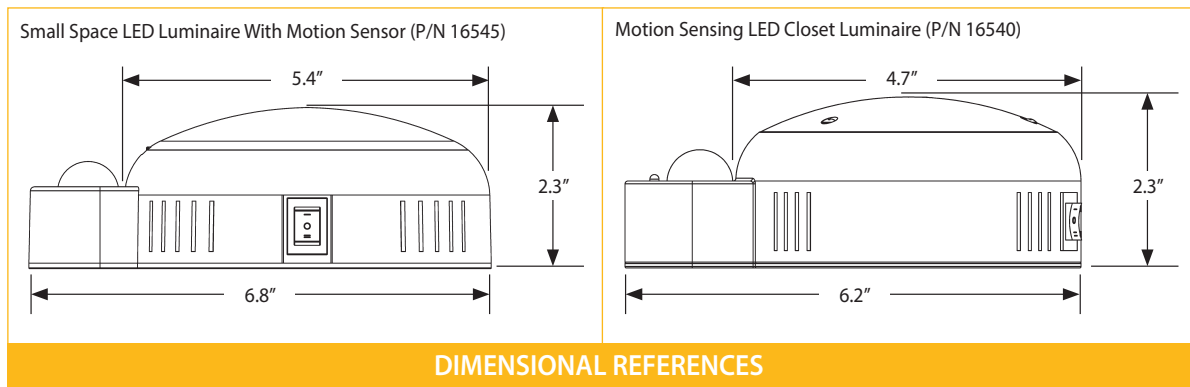

Figure 2

LED Indicator
Motion Sensor

Figure 3

epco® ENGINEERED PRODUCTS CO.

SMALL SPACE LED LUMINAIRE WITH MOTION SENSOR

SMALL SPACE LED LUMINAIRE WITH MOTION SENSOR SPECIFICATIONS COMPARISON

Specifications	Small Space LED Luminaire with Motion Sensor (P/N 16545)	Motion Sensing LED Closet Luminaire (P/N 16540)
Output Lumens	1,000	519
Power Consumption	13-Watts	7-Watts
Amperes	.105	.063
Operating Voltage	120V	120V
Power Factor	.973	.973
Correlated Color Temperature (CCT)	4000K (Cool White)	3000K (Extra Warm White)
Color Rendering Index (CRI)	83	83
Efficacy	77 lm/W	70.8 lm/W
Operating Temperature	32°F (0°C) to 104°F (40°C)	32°F (0°C) to 104°F (40°C)
Applications	■ Dry Locations only ■ Ceiling or Wall Mount	■ Dry Locations only ■ Ceiling or Wall Mount
Certifications	■ ETL Listed to UL 1598 Standards ■ Energy Star Certified	■ ETL Listed to UL 1598 Standards ■ Energy Star Certified
Dimmable	No	No
Lens	Snap-On Frosted Acrylic	Screw-On Frosted Acrylic
Warranty	5 Years	5 Years
Construction	Plastic	Plastic
Wire Harness	3-Wire (Black, White, Green)	3-Wire (Black, White, Green)
Sensor Type	Passive Infrared Sensor (PIR)	Passive Infrared Sensor (PIR)
Switch	3-way: Automatic / Off / On	3-way: Automatic / Off / On
Luminaire Range	20-Feet	15-Feet

Small Space LED Luminaire With Motion Sensor (P/N 16545)

5.4" 2.3" 6.8"

Motion Sensing LED Closet Luminaire (P/N 16540)

4.7" 2.3" 6.2"

DIMENSIONAL REFERENCES

Catalog Number	UPC Number	Description	Order Unit	Order Qty	Unit Pkg	Units/ Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
16545	16545	**Small Space LED Luminaire with Motion Sensor:** includes 13-Watt LED Luminaire and Snap-On Frosted Acrylic Diffuser	EA	1	BX	12	12	1	No	2
16540	16540	**Motion Sensing LED Closet Luminaire:** includes 7-Watt LED Luminaire and Screw-On Frosted Acrylic Diffuser	EA	1	BX	12	12	1	No	2

UNITS OF MEASURE KEY
Order Unit: The Unit to be ordered; **Order Qty:** Number of pieces in each Unit; **Unit Pkg:** Packaging types - BG (Bag), BX (Box), BN (Bulk); **Units/Case:** Unit packages contained in the Case; **TL Case Qty:** The total number of items in each Master Case; **Min Order Qty:** The smallest Unit that can be ordered; **MM Req:** Must order multiples of the Unit in the stated quantities; **Ship Wt (Lbs):** Total weight of the units per Carton

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Specifications subject to change without prior notice.

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