



Superior Motion Sensing for Indoor and Outdoor Applications

LIGHTOWL

The LightOWL® Ceiling and Wall Mount Sensors provide precise control of lighting within a broad range of commercial and industrial applications. The sensor automatically turns the lights on when occupant enters the room and off when the space is unoccupied. LightOWL Occupancy/Vacancy sensors are an ideal solution for areas where traditional ceiling sensors are not suitable.

LightOWL sensors utilize Smart IntelliDAPT® Technology to analyze the controlled area and make digital adjustments to both sensitivity and timing settings for optimal performance, energy savings, and maintenance-free install-and-forget operation.



Features

- Ultrasonic (US) and Passive Infrared (PIR) technologies for unequalled motion detection
- Smart IntelliDAPT Technology eliminates false trigger
- Coverage: 1,600 square feet or 120 linear feet (depending on model)
- Optional relay and photocell control
- Five year warranty

Applications



Libraries



Cafeterias



Warehouses



Storage Facilities

General Specifications

	LightOWL DT	LightOWL IR	LightOWL IRLWO
Technology	PIR/US	PIR	PIR
IntelliDAPT® Technology	Yes	Yes	Yes
LED Lamp	Red/Green	Red	Red
Timer Timeout	Automatic mode: 8–30 minutes (self-adjusts based on occupancy) Test mode: 8 seconds (for an easy check at installation)	Automatic mode: 8–30 minutes (self-adjusts based on occupancy) Test mode: 8 seconds (for an easy check at installation)	Automatic mode: 8–30 minutes (self-adjusts based on occupancy) Test mode: 8 seconds (for an easy check at installation)
Voltage	24VDC	24VDC	24VDC
Coverage	1600 sq ft	1600 sq ft	1600 sq ft
Dimensions	6.58" x 3.63" x 3.72"	6.58" x 3.63" x 3.72"	6.06" x 3.49" x 6.3"
Applications	Indoor	Indoor	Outdoor
Operating Environment	Operating temperature: 32° to 104°F (0° to 40°C) Relative humidity (non-condensing): 0% to 95%	Operating temperature: 32° to 104°F (0° to 40°C) Relative humidity (non-condensing): 0% to 95%	Operating temperature range from -40°F to 149°F (-40°C to 65°C)
PowerPack	Not Included	Not Included	Not Included
Photocell	Yes - RP Option	Yes - RP Option	Yes - RP Option
NO/NC Relay	Yes - RP Option	Yes - RP Option	Yes - RP Option
Colors	Off-white	Off-white	Gray
Certifications	UL and cUL listed	UL and cUL listed	UL, cUL listed, IP66, NEMA4X
Warranty	5-year	5-year	5-year

Ordering Information

LightOWL DT

LO
MODEL
LO LightOWL Sensor

DT
TECHNOLOGY
DT Dual Technology Ultrasonic and Passive Infrared

RELAY/PHOTOCELL OPTION
RP Relay/Photocell
Blank No Relay/Photocell

Ordering Example: LODT

LightOWL IR

LO
MODEL
LO LightOWL Sensor

TECHNOLOGY
IRWV Passive Infrared Wide View
IRHB Passive Infrared High Bay

RELAY/PHOTOCELL OPTION
RP Relay/Photocell
Blank No Relay/Photocell

Ordering Example: LOIRWVRP

LightOWL IRLWO

LO
MODEL
LO LightOWL Sensor

TECHNOLOGY
IRWVRP Passive Infrared, Wide View Lens with Form C Contacts and Photocell

ENVIRONMENT
LWO Outdoor Version

Ordering Example: LOIRWVRPLWO