



# LEDVANCE TRADITIONAL SENSORS



## STANDALONE CONTROLS

### LEDVANCE SPECIFICATION DATA

| Catalog #   | Comments |
|-------------|----------|
| Project     |          |
| Type        |          |
| Prepared by |          |



### APPLICATION

LEDVANCE offers an array of field installable standalone sensor solutions. Suitable for warehouses, manufacturing facilities, big-box retail, gymnasiums, schools, as well as outdoor applications.

### BENEFITS & FEATURES

- Simple installation via plug and play design using screw-in receptacle
- Quick and easy commissioning via radio frequency remote control
- Occupancy and daylight threshold
  - Daylight feature can be disabled
- Standalone controls offer increased energy savings and potentially greater utility rebates
- Standalone sensors are available in bronze or white to match multiple luminaires
- Occupancy sensors are available in PIR or Microwave technology
  - PIR or Microwave allows the right sensor to be used for the application. PIR detects motion through detecting heat while microwave uses waves
- Superior construction: IP65 rated
- Remote control commissioning
- 5-Year Warranty

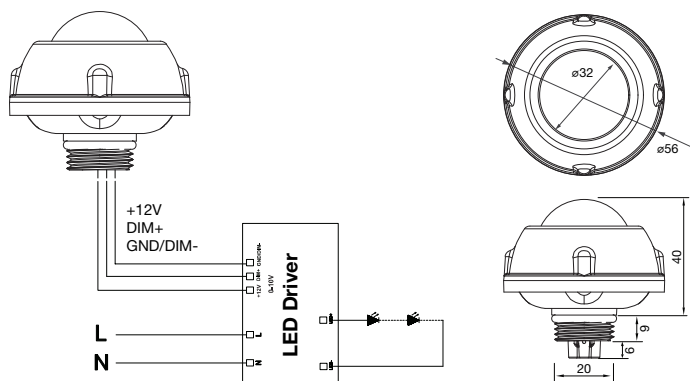


## ORDERING INFORMATION

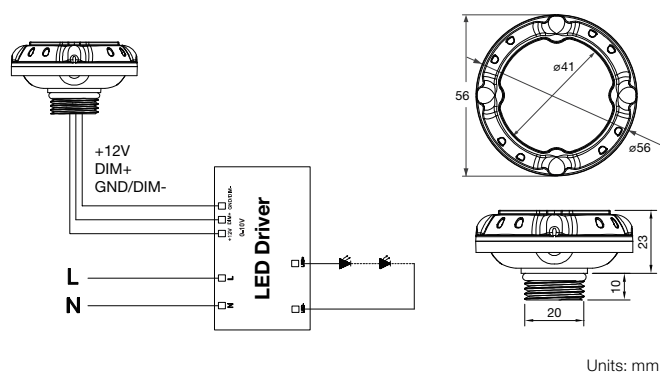
| GROUP      | ITEM # | DESCRIPTION                             | FIELD-<br>INSTALLABLE | PIR                                                                                   | MICROWAVE | IP RATED | COLOR  | MAX.<br>MOUNTING<br>HEIGHT |  |
|------------|--------|-----------------------------------------|-----------------------|---------------------------------------------------------------------------------------|-----------|----------|--------|----------------------------|--|
| Standalone | 63748  | AREAPIRMOTIONDAYSENSORBZ 150/CS 1/SKU   | ✓                     | ✓                                                                                     |           | IP65     | Bronze | 39ft                       |  |
|            | 65732  | AREAMWMOTIONDAYSENSORBZ 150/CS 1/SKU    | ✓                     |                                                                                       | ✓         |          |        | 49ft                       |  |
|            | 62664  | HIGHBAYPIRMOTIONDAYSENSOR2 100/CS 1/SKU | ✓                     | ✓                                                                                     |           |          | White  | 39ft                       |  |
|            | 65622  | HIGHBAYMOTIONDAYSENSOR 100/CS 1/SKU     | ✓                     |                                                                                       | ✓         |          |        | 49ft                       |  |
|            | 41146  | LEDHIDRSENSORMICROWAVEMOTDAY 150CS 1SKU | ✓                     |                                                                                       | ✓         |          |        | 49ft                       |  |
|            | 65623  | REMOTEMOTIONDAY001 100/CS 1/SKU         | ✓                     | Remote control for Motion/Daylight Sensors — required to change default settings      |           |          |        |                            |  |
|            | 63958  | WALPAKN9ASENSORADAPTER 50/CS 1/SKU      | ✓                     | Daylight/Motion Sensor Adapter-Wallpack application                                   |           |          |        |                            |  |
|            | 41145  | LEDHIDRREMOTE 100/CS 1/SKU              | ✓                     | Remote control for Motion/Daylight Sensor 41146 — required to change default settings |           |          |        |                            |  |

## WIRING DIAGRAM

### PIR SENSOR



### MICROWAVE SENSOR



## TECHNICAL DATA

### MICROWAVE / PIR SENSORS

| OPERATING VOLTAGE | OPERATING CURRENT | OUTPUT    | STAND-BY POWER | CONTROL LINE             | OPERATING TEMP.                     | WARM UP PERIOD | MICROWAVE FREQUENCY* | MICROWAVE POWER* |
|-------------------|-------------------|-----------|----------------|--------------------------|-------------------------------------|----------------|----------------------|------------------|
| 12V ± 2V DC       | 30mA              | DIM 0-10V | <0.5W          | +12V<br>DIM+<br>GND/DIM- | -30°C to +60°C<br>(-22°F to +140°F) | 50S            | 5.8GHz ± 75MHz       | <0.5mW           |

\*Applicable for Microwave models only

### DEFAULT SETTINGS

| ITEM #        | SENSOR TYPE | BRIGHTNESS | HOLD TIME | STAND-BY DIM LEVEL | STAND-BY TIME | SENSITIVITY | DAYLIGHT | DETECTION ANGLE                               | MOUNTING HEIGHT                     |
|---------------|-------------|------------|-----------|--------------------|---------------|-------------|----------|-----------------------------------------------|-------------------------------------|
| 41146         | Microwave   | 100%       | 1 min.    | 20%                | 1 min.        | 100%        | Disable  | 150° (wall mounted)<br>360° (ceiling mounted) | Max. 15m/49ft<br>(ceiling mounted)  |
| 65622 / 65732 | Microwave   | 100%       | 10 min.   | 30%                | 30 min.       | 100%        | 50 lux   | 150° (wall mounted)<br>360° (ceiling mounted) | Max. 15m/49ft<br>(ceiling mounted)  |
| 63748 / 62664 | PIR         | 100%       | 10 min.   | 50%                | 30 min.       | 100%        | 50 lux   | 120° (wall mounted)<br>360° (ceiling mounted) | Max. ≤12m/39ft<br>(ceiling mounted) |

## MICROWAVE SENSOR 41146 SUPPORTS THESE PRODUCTS:

ULTRA LED™ CCT AND LUMEN SELECTABLE  
HIGH BAY RETROFIT



ULTRA LED™ LUMEN SELECTABLE  
HIDR LAMPS



## SENSORS 65622, 65732, 63748, & 62664 SUPPORT THESE PRODUCTS:

DUAL SELECTABLE LINEAR HIGH BAY 5A



VALUELED™ LINEAR HIGH BAY 4A



LINEAR HIGH BAY 6A



UFO 4A HIGH BAY



DUAL SELECTABLE UFO HIGH BAY 3A



ULTRA LED™ SELECTABLE HIDR



VALUELED™ UFO 2A HIGH BAY

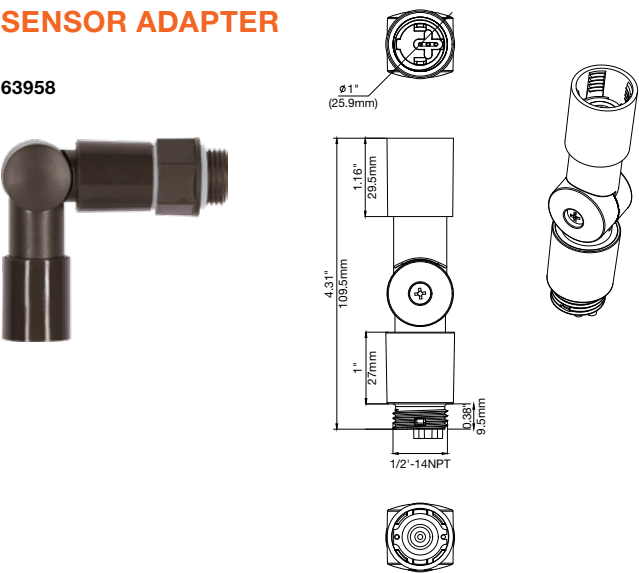


ULTRA LED™ HIDR AREA LIGHT



SENSOR ADAPTER

63958



63958 SUPPORTS WALLPACK APPLICATIONS



COMMISIONING REMOTE

REQUIRED TO CHANGE DEFAULT SETTINGS IF NEEDED

|                        |                                                 |
|------------------------|-------------------------------------------------|
| Brightness             | 0%-100% / Quick setting: 70% / 80% / 90% / 100% |
| Sensitivity*           | 20% / 50% / 75% / 100%                          |
| Hold Time              | 10s / 1min / 10min / 30min                      |
| Daylight Threshold     | 10Lux / 30Lux / 50Lux / 100Lux / Disable        |
| Stand-by time          | 1min / 30min / 60min / + ∞                      |
| Stand-by dimming level | 10% / 20% / 30% / 50%                           |

\*PIR Motion sensors do not have a sensitivity setting, the default 100%



REMOTE\*  
(65623, 65623, 41145)

\*Remote requires two AA batteries (not included).

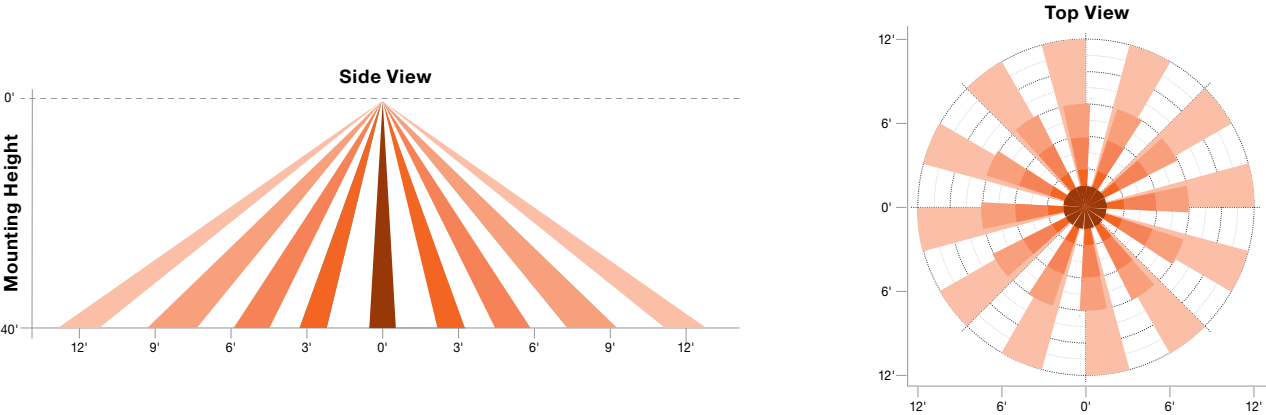


Click or scan the QR code to learn more on how to commission the Daylight/Motion sensors.

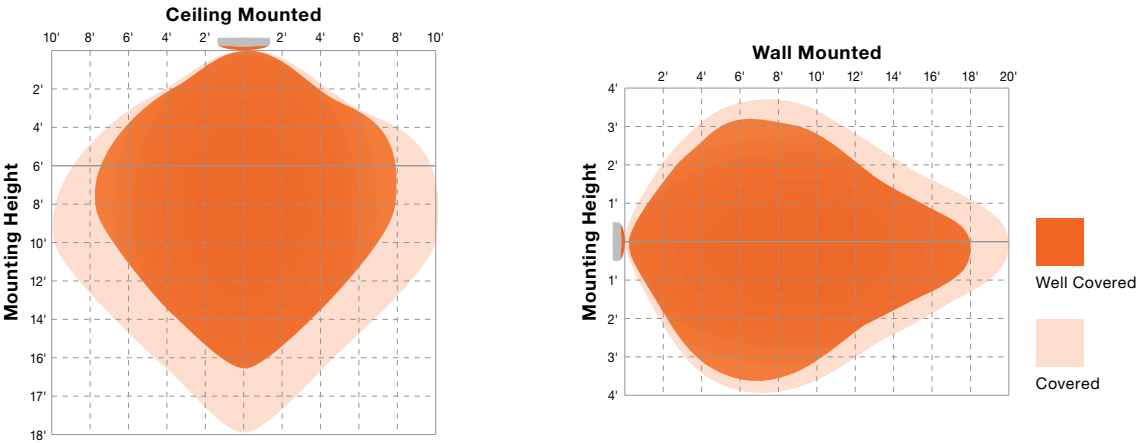
# DETECTION COVERAGE

Data indicates the maximum distance at the highest mounting height with 100% sensitivity

## PIR SENSOR



## MICROWAVE SENSOR



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