



RESOURCES

SENSOR / WIRELESS CONTROL OPTIONS

Please consult factory regarding any sensors or control options not shown

END MOUNTED DRY & DAMP LOCATION SENSORS

MS - Motion Sensor

- Turns light ON/OFF with motion detection
- Fixture mounting height 8-45ft

MSSD - Motion Sensor – Step Dimming (Bi-Level)

- Step-dims output with motion detection
- Used in conjunction with 0-10V Ballast/Driver
- Fixture mounting height 8-45ft

MSPC - Motion Sensor & Photocell

- Holds lights OFF when sufficient daylight is present regardless of motion detection
- Fixture mounting height 8-45ft

MSPCD(ADC) - Motion Sensor & Photocell Dimming (Auto Dim Control)

- Automatically dims output through preset photocell, ON/OFF with motion detection
- Used in conjunction with 0-10V Ballast/Driver
- Fixture mounting height 8-45ft

MSPCDBT - Motion Sensor & Photocell Dimming (Setup with Smartphone App)

- Field adjustable dimming sensor capabilities:
 - » Step-dims (HIGH/LOW output)
 - » Auto Dim Control (dim to desired foot-candles, ON/OFF with motion)
 - » Auto Night Light (dim to desired foot-candles, LOW without motion)
- Used in conjunction with 0-10V dimming Ballast/Driver
- Holds lights OFF when sufficient daylight is present regardless of motion detection
- Adjustable ramp up and fade down time
- Fixture mounting height 8-40ft
- Remote setup and adjustment via the iOS® or Android® Sensor Configuration App

MSPCD(ANL) - Motion Sensor & Photocell Dimming (Auto Night Light)

- Automatically dims output through preset photocell
- Low setting when unoccupied Full ON with motion
- For 24 hour use
- Used in conjunction with 0-10V Ballast/Driver
- Fixture mounting height 8-45ft

MSPCDR - Motion Sensor & Photocell Dimming (Setup with Remote Control)

- Field adjustable dimming sensor capabilities:
 - » Step-dims (HIGH/LOW output)
 - » Auto Dim Control (dim to desired foot-candles, ON/OFF with motion)
 - » Auto Night Light (dim to desired foot-candles, LOW without motion)
- Used in conjunction with 0-10V dimming Ballast /Driver
- Holds lights OFF when sufficient daylight is present regardless of motion detection
- Adjustable ramp up and fade down time
- Fixture mounting height 8-40ft
- Remote setup and adjustment via handheld wireless tool sold separately (P/N: Remote)

PCS - Photocell

- Holds lights OFF when sufficient daylight is present regardless of motion detection
- Used in conjunction with 0-10V Ballast/Driver
- Fixture mounting height 8-45ft

PCSD - Photocell Sensor and Step Dimming (Bi-Level)

- Step-dims light output with motion detection
- Used in conjunction with 0-10V Ballast/Driver
- Fixture mounting height 8-45ft

END MOUNTED WET LOCATION SENSORS

MSW(HI) - Motion Sensor Wet (HI)

- Turns light ON/OFF based on motion detection
- High mounting height applications 15-30ft

MSPCW(HI) - Motion Sensor & Photocell Wet (HI)

- Holds lights OFF when sufficient daylight is present regardless of motion detection
- High mounting height applications 15-30ft

MSSDW(HI) - Motion Sensor – Step Dimming Wet (HI)

- Step-dims light to desired preset level (based on motion detection)
- Used in conjunction with 0-10V Ballast/Driver
- Fixture mounting height 15-30ft

MSPCDW(HI) - Motion Sensor & Photocell Dimming Wet (HI)

- Field adjustable dimming sensor capabilities:
 - » Step-dims (HIGH/LOW output)
 - » Auto Dim Control (dim to desired foot-candles, ON/OFF with motion)
 - » Auto Night Light (dim to desired foot-candles, LOW without motion)
- Used in conjunction with 0-10V Ballast/Driver
- High mounting height applications 15-30ft

MSPCDW(LOW) - Motion Sensor & Photocell Dimming Wet (LOW)

- Field adjustable dimming sensor capabilities:
 - » Step-dims (HIGH/LOW output)
 - » Auto Dim Control (dim to desired foot-candles, ON/OFF with motion)
 - » Auto Night Light (dim to desired foot-candles, LOW without motion)
- Used in conjunction with 0-10V Ballast/Driver
- Low mounting height applications 8-15ft

PCSW - Photocell Wet

- Holds lights OFF when sufficient daylight is present regardless of motion detection
- Used in conjunction with 0-10V Ballast/Driver
- Fixture mounting height 8-45ft

MSW(LOW) - Motion Sensor Wet (LOW)

- Turns light ON/OFF based on motion detection
- Low mounting height applications 8-15ft

MSPCW(LOW) - Motion Sensor & Photocell Wet (LOW)

- Holds lights OFF when sufficient daylight is present regardless of motion detection
- Low mounting height applications 8-15ft

MSSDW(LOW) - Motion Sensor – Step Dimming Wet (LOW)

- Step-dims light to desired preset level (based on motion detection)
- Used in conjunction with 0-10V Ballast/Driver
- Fixture mounting height 8-15ft

MSPCDRW - Motion Sensor & Photocell Dimming (Setup with Remote Control, Wet)

- Field adjustable dimming sensor capabilities:
 - » Step-dims (HIGH/LOW output)
 - » Auto Dim Control (dim to desired foot-candles, ON/OFF with motion)
 - » Auto Night Light (dim to desired foot-candles, LOW without motion)
- Used in conjunction with 0-10V dimming Ballast /Driver
- Holds lights OFF when sufficient daylight is present regardless of motion detection
- Adjustable ramp up and fade down time
- Fixture mounting height 8-40ft
- Remote setup and adjustment with handheld wireless tool sold separately (P/N: Remote)

MSPCDBTW - Motion Sensor & Photocell Dimming Wet (Setup with Smartphone App)

- Field adjustable dimming sensor capabilities:
 - » Step-dims (HIGH/LOW output)
 - » Auto Dim Control (dim to desired foot-candles, ON/OFF with motion)
 - » Auto Night Light (dim to desired foot-candles, LOW without motion)
- Used in conjunction with 0-10V dimming Ballast /Driver
- Holds lights OFF when sufficient daylight is present regardless of motion detection
- Adjustable ramp up and fade down time
- Fixture mounting height 8-40ft
- Remote setup and adjustment via the iOS® or Android® Sensor Configuration App



Los Angeles Lighting Mfg. Co.

Headquarters
10141 Olney Street
El Monte, CA 91731
Made in the USA

Contact Us
T: 626-454-8300
F: 626-454-8399
www.lalighting.com

Due to continued product improvements and enhancements, Los Angeles Lighting Manufacturing Company reserves the right to alter specifications, dimensions, data, and/or materials without notice. Please visit our website to view the most current information.

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INTEGRALLY MOUNTED SENSORS**MS(LOWE) - Motion Sensor (Extra Wide Lens)**

- Turns light ON/OFF based on motion detection
- Fixture mounting height: 8~10ft, 2.4~3.0m
- Sensor coverage: 6x height

MS(HI) - Motion Sensor (High Bay Lens)

- Turns light ON/OFF based on motion detection
- Fixture mounting height: 15~30ft, 4.5~9.0m
- Sensor coverage: 3x height

MS(LOW) - Motion Sensor (Standard Lens)

- Turns light ON/OFF based on motion detection
- Fixture mounting height: 8~20ft, 2.4~6.0m
- Sensor coverage: 2x height

MS(AIL) - Motion Sensor (Aisle Way Lens)

- Turns light ON/OFF based on motion detection
- Fixture mounting height: 8~40ft, 2.4~12.0m
- Sensor coverage: 3x height

MSPC(LOWE) - Motion Sensor & Photocell (Extra Wide Lens)

- Holds lights OFF when sufficient daylight is present regardless of motion detection
- Fixture mounting height: 8~10ft, 2.4~3.0m
- Sensor coverage: 6x height

MSPC(HI) - Motion Sensor & Photocell (High Bay Lens)

- Holds lights OFF when sufficient daylight is present regardless of motion detection
- Fixture mounting height: 15~30ft, 4.5~9.0m
- Sensor coverage: 3x height

MSPC(LOW) - Motion Sensor & Photocell (Standard Lens)

- Holds lights OFF when sufficient daylight is present regardless of motion detection
- Fixture mounting height: 8~20ft, 2.4~6.0m
- Sensor coverage: 2x height

MSPC(AIL) - Motion Sensor & Photocell (Aisle Way Lens)

- Holds lights OFF when sufficient daylight is present regardless of motion detection
- Fixture mounting height: 8~40ft, 2.4~12.0m
- Sensor coverage: 3x height

MSPCD(LOWE) - Motion Sensor & PhotoCell Dimming (Extra Wide Lens)

- Variably dims output to desired foot-candles through photocell
- Low setting when unoccupied
- Full ON with motion
- Fixture mounting height: 8~10ft, 2.4~3.0m
- Sensor coverage: 6x height

MSPCD(HI) - Motion Sensor & PhotoCell Dimming (High Bay Lens)

- Variably dims output to desired foot-candles through photocell
- Low setting when unoccupied
- Full ON with motion
- Fixture mounting height: 15~30ft, 4.5~9.0m
- Sensor coverage: 3x height

MSPCD(LOW) - Motion Sensor & PhotoCell Dimming (Standard Lens)

- Variably dims output to desired foot-candles through photocell
- Low setting when unoccupied
- Full ON with motion
- Fixture mounting height: 8~20ft, 2.4~6.0m
- Sensor coverage: 2x height

MSPCD(AIL) - Motion Sensor & PhotoCell Dimming (Aisle Way Lens)

- Variably dims output to desired foot-candles through photocell
- Low setting when unoccupied
- Full ON with motion
- Sensor shape: arch
- Fixture mounting height: 8~40ft, 2.4~12.0m
- Sensor coverage: 3x height

PHOTOCELL SENSORS**PCS - Photocell Sensor**

- Turns light ON/OFF based on light levels
- Fixture mounting height 8-45ft

PCS/SH - Photocell Sensor with Light Shield Dome

- Turns light ON/OFF based on light levels
- Comes with Light Shield Dome
- Fixture mounting height 8-45ft

HIGH FREQUENCY MOTION SENSORS**MSH - Motion Sensor High Frequency (Microwave)**

- Super high frequency motion sensor (also known as microwave sensor) which detects movement when installed behind low density fixture materials, such as polycarbonate, acrylic and glass diffusers
- Turns light ON/OFF based on motion detection
- Fixture mounting height ~30ft

MSHSD - Motion Sensor High Frequency (Microwave)

- Step-dims output with motion detection
- Used in conjunction with 0-10V Ballast/Driver
- Turns light ON/OFF based on motion detection

ULTRASONIC MOTION SENSORS**MSU - Motion Sensor Ultrasonic**

- Turns light ON/OFF based on motion detection
- Holds light ON at 100% for 10 minutes, after 10 minutes with no motion, light will turn OFF

MSUSD - Motion Sensor Ultrasonic – Step Dimming

- Full ON when motion is detected
- Holds light ON at 100% for 10 minutes
- After 10 minutes with no motion, light will dim down to 25% until motion is detected again

MSUPCDBT - Motion Sensor & Photocell Dimming

- Field adjustable dimming sensor capabilities:
 - » Step-dims (HIGH/LOW output)
 - » Auto Dim Control (dim to desired foot-candles, ON/OFF with motion)
 - » Auto Night Light (dim to desired foot-candles, LOW without motion)
- Used in conjunction with 0-10V dimming Ballast /Driver
- Holds lights OFF when sufficient daylight is present regardless of motion detection
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CONTROLS AND SENSORS

WLC(LED RU) - EnOcean® LED Relay Zone Controller

- Supports a single LED fixture or multiple daisy chained LED fixtures
- Module installed inside lighting fixture

ESRPU-W-EO - EnOcean® Rocker Switch – Single – Surface Mount

- Wireless single rocker switch with mounting plate
- No batteries needed

EDRPU-W-EO - EnOcean® Rocker Switch – Double – Surface Mount

- Wireless double rocker switch with mounting plate
- No batteries needed

S3054-N300 - EnOcean® Navigan NWC 300U – Commissioning Tool

- Navigan Wireless Commissioner is used to configure EnOcean controllers & sensors
- It can be used to define link tables, change parameters/settings, and to edit & store projects
- Configuration settings can be saved and cloned to enable quick configuration
- Connectivity is through the NWC 300U USB Stick

EOSWU-W-EO - EnOcean® Occupancy Sensor – Wall Mount

- Wireless wall mounted occupancy sensor
- Solar powered - no batteries needed (coin battery operated in low light conditions)
- PIR motion sensor with both wide angle (50°) and long range (100') options
- Mounting height: 6-8ft

EOSCU-W-EO - EnOcean® Occupancy Sensor – Ceiling Mount

- Wireless ceiling mounted occupancy sensor
- Solar powered - no batteries needed (coin battery operated in low light conditions)
- PIR motion sensor with 360 degree viewing angle lens (34' diameter)
- Mounting height: 7-10ft

ELLSU-W-EO - EnOcean® Light Level Sensor – Ceiling Mount

- Light Level sensor that measures and reports the level of available natural light
- Solar powered - no batteries needed (coin battery operated in low light conditions)
- Enables implementation of daylight harvesting control systems
- Mounting position: At the ceiling, close to ambient light source



CONTROLS AND SENSORS

WLC(FCJS0) PowPak® Wireless Fixture Control

- RF only for 0-10V drivers
- One per fixture (external mount 1/2" KO)

WLC(FCJSE) Vive PowPak® EcoSystem Wireless Fixture Control

- RF only for Lutron EcoSystem drivers
- One per fixture (external mount 1/2" KO)

WLC(VRF) Vive Integral Wireless Fixture Control

- RF only
- Need Dexal driver

WLC(VDO) Vive Integral Wireless Fixture Control

- RF with daylight and occupancy sensing
- 5 minutes time delay default
- Daylight sensor provide linear response to changes in light level
- 9' mounting height. Up to 300 sq.ft major / 150 sq.ft. minor motion coverage.
- Need Dexal driver

WLC(FCJS0S) Vive integral wireless control

- RF and wired sensor for 0-10V drivers
- Daylight and Occupancy
- One per fixture (external mount 1/2" KO)

WLC(FCJSES) Vive EcoSystem PowPak® with Sensor

- RF and wired sensor for EcoSystem drivers
- Daylight and Occupancy
- One per fixture (external mount 1/2" KO)

FC-SENSOR PowPak® Occupancy / Daylight Sensor

- Turns light ON/OFF based on motion
- Recommended mounting height of 8-12'

FC-VSENSOR PowPak® Vacancy/Daylight Sensor

- Turns light OFF when area is vacant
- Recommended mounting height of 8-12'

PJ2-2BRL Pico® 2-Button Wireless Remote

- Works with Wireless Fixture Controls
- Controls ON/OFF and dimming UP/DOWN

**Additional Lutron® Pico® wireless remotes and accessories available.*

Contact the factory for more information.



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