



RESOURCES

SENSOR/WIRELESS CONTROL OPTIONS

® Contact customer service for questions or inquiries regarding sensors and control options

For EnOcean systems see page 3
For Lutron systems see page 4

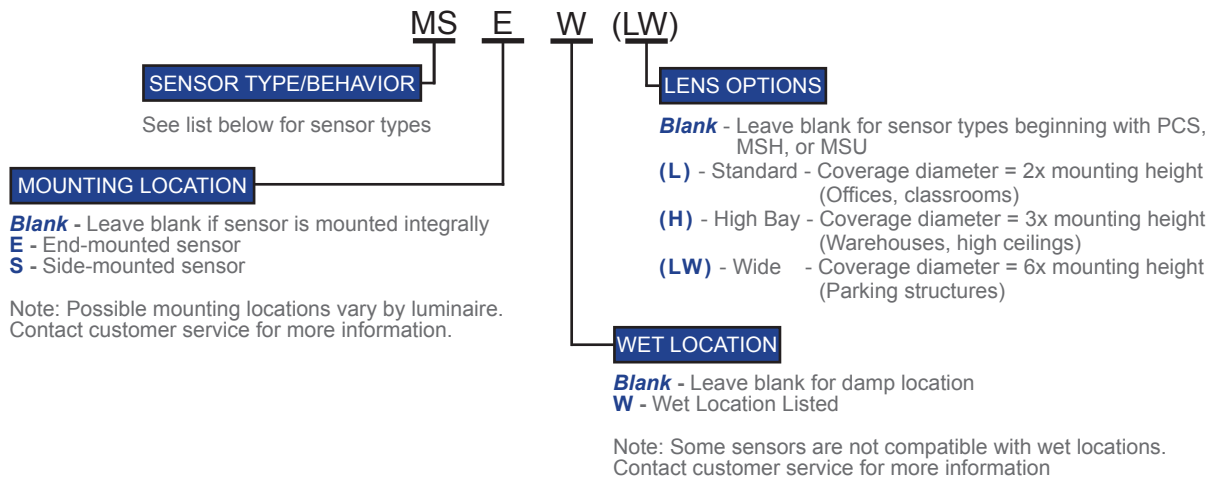
How to Order

Pre-installed components are ordered by adding the part number to the luminaire:

STW100-4-4L-FRWA-MSSDE(LW)-DRDM-UNV-1/840

Components marked with * are ordered separately

SENSOR OPTIONS



SENSOR TYPE/BEHAVIOR

PIR MOTION SENSORS

Uses passive infrared (PIR) technology to detect motion.

MS - PIR Motion Sensor – On/Off

- Turns luminaire on/off in response to motion

MSSD - PIR Motion Sensor – High/Low

- Increases/decreases illumination in response to motion

MSSDO - PIR Motion Sensor – High/Low/Off

- Turns luminaire on/off and increases/decreases illumination in response to motion

PHOTOCELLS

Senses ambient light levels. Typically used to hold luminaire OFF during daytime hours.

PCS - Photocell Sensor – On/Off

- Turns luminaire on/off in response to ambient light levels

PCS / SH - Photocell Sensor – On/Off with Light Shield

- Turns luminaire on/off in response to ambient light levels
- Includes adjustable Light Shield



Los Angeles Lighting Mfg. Co.
Contact Us
T: 626-454-8300
F: 626-454-8399
www.lalighting.com
10141 Olney Street
El Monte, CA 91731
Made in the USA



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.

© 2023 LOS ANGELES LIGHTING MANUFACTURING CO. ALL RIGHTS RESERVED.



Revised: 02/23/2024

PIR MOTION SENSORS WITH PHOTOCELLS

Holds luminaire off when sufficient ambient light is present, responds to motion when light levels are low.

MSPC - PIR Motion Sensor with Photocell – On/Off

- Holds luminaire OFF when sufficient ambient light is present, regardless of motion
- When ambient light levels are low, turns light on/off in response to motion

MSPCSD - PIR Motion Sensor with Photocell – High/Low

- Holds luminaire OFF when sufficient ambient light is present, regardless of motion
- When ambient light levels are low, increases/decreases illumination in response to motion

MSPCSDO - PIR Motion Sensor with Photocell – High/Low/Off

- Holds luminaire OFF when sufficient ambient light is present, regardless of motion
- When ambient light levels are low, turns luminaire on/off and increases/decreases illumination in response to motion

MSPCDBT - PIR Motion Sensor with Photocell – High/Low – Bluetooth Programming

- Holds luminaire OFF when sufficient ambient light is present, regardless of motion
- When ambient light levels are low, increases/decreases illumination in response to motion
- Field-adjustable via Bluetooth® app. Please specify preferred sensor manufacturer.

MSPCDR - PIR Motion Sensor with Photocell – High/Low – Remote Programming

- Holds luminaire OFF when sufficient ambient light is present, regardless of motion
- When ambient light levels are low, increases/decreases illumination in response to motion
- Field-adjustable via remote. Please specify preferred sensor manufacturer.

HIGH FREQUENCY (MICROWAVE) MOTION SENSORS

Detects movement through low density materials, including polycarbonate, acrylic and glass diffusers.

MSH - Microwave Motion Sensor – On/Off

- Turns luminaire on/off in response to motion

MSHSD - Microwave Motion Sensor – High/Low

- Increases/decreases illumination in response to motion

ULTRASONIC MOTION SENSORS

Uses high frequency sound waves to detect motion behind walls, stairs, cubicles, and other obstructions.

MSU - Ultrasonic Motion Sensor – On/Off

- Turns luminaire on/off in response to motion

MSUSD - Ultrasonic Motion Sensor – High/Low

- Increases/decreases illumination in response to motion

MSUSDO - Ultrasonic Motion Sensor – High/Low/Off

- Turns luminaire on/off and increases/decreases illumination in response to motion

ULTRASONIC MOTION SENSORS WITH PHOTOCELLS

Holds luminaire off when sufficient ambient light is present, responds to motion when light levels are low.

MSUPCDBT - Ultrasonic Motion Sensor with Photocell – High/Low – Bluetooth Programming

- Holds luminaire OFF when sufficient ambient light is present, regardless of motion
- When ambient light levels are low, increases/decreases illumination in response to motion
- Field-adjustable via Bluetooth® app. Please specify preferred sensor manufacturer.



Los Angeles Lighting Mfg. Co.
Contact Us
T: 626-454-8300 10141 Olney Street
F: 626-454-8399 El Monte, CA 91731
www.lalighting.com Made in the USA



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.

© 2023 LOS ANGELES LIGHTING MANUFACTURING CO. ALL RIGHTS RESERVED.

Revised: 02/23/2024



EnOcean

Sustainable IoT

WIRELESS CONTROLS

How to Order

Pre-installed components are ordered by adding the part number to the luminaire:

GHL320-4-4L-FSW-PA- [WLC\(LED RU\)](#) -DRDM-UNV-2/840

Components marked with * are ordered separately

Zone Controller

WLC(LED RU) - LED Relay Zone Controller

- Pre-installed inside luminaire
- Can support a single luminaire or multiple daisy-chained luminaires
- Can be ordered separately. Contact Customer Service.

Commissioning Tool

***NWC500U** - Navigan NWC 500U

- Wireless commissioning tool used to configure EnOcean controllers, sensors, and switches
- Includes NWC500U USB stick for device connectivity

Switches

***ESRPU-W-EO** - Rocker Switch - Single - Surface Mount

- Wireless single rocker switch with mounting plate
- Harvests kinetic energy- no battery required

***EDRPU-W-EO** - Rocker Switch - Double - Surface Mount

- Wireless double rocker switch with mounting plate
- Harvests kinetic energy- no battery required



WLC(LED RU)
LED Relay Zone Controller

Sensors

***EOSWU-W-EO** - Occupancy Sensor - Wall Mount

- Wireless wall-mounted occupancy sensor
- Solar powered - no batteries required in normal conditions (Back up coin battery provided for low light conditions)
- PIR motion sensor with both wide angle (50ft) and long range (100ft) options
- Mounting height: 6-8ft

***EOSCU-W-EO** - Occupancy Sensor - Ceiling Mount

- Wireless ceiling-mounted occupancy sensor
- Solar powered - no batteries required in normal conditions (Back up coin battery provided for low light conditions)
- PIR motion sensor with 360° viewing angle lens (34' diameter)
- Mounting height: 7-10ft

***ELLSU-W-EO** - Light Level Sensor - Ceiling Mount

- Measures and reports available natural light levels
- Solar powered - no batteries needed (coin battery operated in low light conditions)
- Mounting position: At the ceiling, close to ambient light source



ELLSU-W-EO
Light Level Sensor - Ceiling Mount



EDRPU-W-EO **ESRPU-W-EO**
Rocker Switches - Single/Double

EnOcean is a registered trademark of EnOcean GmbH in the U.S. and/or other countries.



Los Angeles Lighting Mfg. Co.

Contact Us
T: 626-454-8300 10141 Olney Street
F: 626-454-8399 El Monte, CA 91731
www.lalighting.com Made in the USA



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.

© 2023 LOS ANGELES LIGHTING MANUFACTURING CO. ALL RIGHTS RESERVED.



Revised: 02/23/2024



WIRELESS CONTROLS

Vive Systems

Vive PowPak Wireless Fixture Controls

WLC(FCJS0) - PowPak Wireless Fixture Control

- RF only. For use with 0-10V drivers.
- One fixture control per luminaire, typically end-mounted via 1/2" KO.

WLC(FCJS0S) - PowPak Wireless Fixture Control with Sensor

- RF with daylight/occupancy sensing. For use with 0-10V drivers.
- One fixture control per luminaire, typically end-mounted via 1/2" KO.
- Sensor must be installed separately.

WLC(FCJSE) - PowPak EcoSystem Wireless Fixture Control

- RF only. For use with Lutron EcoSystem drivers.
- One fixture control per luminaire, typically end-mounted via 1/2" KO.

WLC(FCJSES) - PowPak EcoSystem Wireless Fixture Control with Sensor

- RF with daylight/occupancy sensing. For use with Lutron EcoSystem drivers.
- One fixture control per luminaire, typically end-mounted via 1/2" KO.
- Sensor must be installed separately.

Vive PowPak Sensors

*FC-SENSOR - PowPak Occupancy/Daylight Sensor

- For luminaires with existing PowPak Wireless Fixture Controls.
- Turns luminaire ON/OFF based on motion. Adjusts lumen output in response to ambient light.
- Recommended mounting height: 8-12ft

*FC-VSENSOR - PowPak Vacancy/Daylight Sensor

- For luminaires with existing PowPak Wireless Fixture Controls.
- Turns luminaire OFF when area is vacant. Adjusts lumen output in response to ambient light.
- Recommended mounting height: 8-12ft.

Vive Integral Fixture Controls

WLC(VRF) - Vive Integral Wireless Fixture Control

- RF only. Requires controls-ready driver.
- One fixture control per luminaire, mounting location varies by luminaire.

WLC(VDO) - Vive Integral Wireless Fixture Control

- RF, plus daylight/occupancy sensing. Requires controls-ready driver.
- One fixture control per luminaire, mounting location varies by luminaire.
- Turns luminaire ON/OFF based on motion. Adjusts lumen output in response to ambient light.
- Coverage area at 9ft mounting height: Up to 300 sq.ft for major motions; 150 sq.ft. for minor motions.

How to Order

Pre-installed components are ordered by adding the part number to the luminaire:

GHL320-4-4L-FSW-PA- WLC(FCJS0) -DRDM-UNV-2/840

Components marked with * are ordered separately

Athena Wireless Nodes

Requires Athena-compatible drivers and Clear Connect Gateway - Type X

WLC(AWNR-WH) - Wireless Node (White)

- RF communication node. One per luminaire, integrally mounted.

WLC(AWNS-WH) - Wireless Node (White) with Sensor

- RF, plus daylight/occupancy sensing. One per luminaire, integrally mounted.

WLC(AWNR-BL) - Wireless Node (Black)

RF communication node. One per luminaire, integrally mounted.

WLC(AWNS-BL) - Wireless Node (Black) with Sensor

- RF, plus daylight/occupancy sensing. One per luminaire, integrally mounted.



WLC(AWNR-WH)
Athena Wireless Node



WLC(FCJS0)
PowPak Wireless Fixture Control



FC-SENSOR
PowPak Occupancy/Daylight Sensor



WLC(VDO)
Vive Integral Wireless Fixture Control

Lutron, Vive, Athena, PowPak, EcoSystem, Pico, and Clear Connect are trademarks or registered trademarks of Lutron Electronics Co., Inc., in the U.S. and/or other countries.



Los Angeles Lighting Mfg. Co.
Contact Us
T: 626-454-8300
F: 626-454-8399
www.lalighting.com
10141 Olney Street
El Monte, CA 91731
Made in the USA



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.

© 2023 LOS ANGELES LIGHTING MANUFACTURING CO. ALL RIGHTS RESERVED.



Revised: 02/23/2024