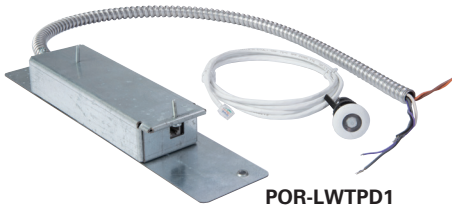
Portfolio / Halo Commercial

PORTFOLIO/HALO COMMERCIAL LUMAWATT PRO CONNECTED LIGHTING SYSTEM POWERED BY ENLIGHTED

Catalog #		Type
Project		
Comments		Date
Prepared by		

LumaWatt Pro powered by Enlighted is an integrated system of luminaires, digital sensors, and application-based software for any size project. The strengths of LumaWatt Pro are based on the independent, secure operation of individual sensors in every lighting fixture, combined with wireless communication to the powerful Energy Manager. The system aggregates input from the project to provide visibility to entire aspects of environmental data, pushing the input into easy-to-read dashboards of analytic detail. The dashboards enable you to take additional action with the system to improve energy savings, master the use of the space, interact with heating, ventilation, and air-conditioning (HVAC) systems, and report on system modes to reduce maintenance. By collecting granular, real-time data from state-of-the-art integrated sensors and advanced, smart building solutions, you are in control.



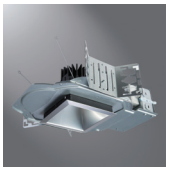
POR-LWTPD1

How it works:

- Recessed luminaires are field wired to accessory sensor kits, which provide lighting control and more as independent, fault-proof, resilient networks of powerful end-points. Sensors have profiles with all the variables for the application assigned once a configuration is set. The sensor will manage the fixture without connectivity to the system.
- Sensors gather data from four on-board inputs PIR occupancy light, temperature, and current use. Local processors and memory pull the information together and communicate wirelessly to gateways using easy installation and secure set up.
- Gateways communicate using industry-standard wired technology to the Energy Manager, for powerful, familiar dashboards of information tailored for easy use on a connected computer.
- Energy Managers connect to optional cloud-based applications, maximizing the dense, data-rich sensing within the footprint of the luminaire for management of the building environment, and much more.

LUMAWATT PRO POWERED BY ENLIGHTED IN PORTFOLIO AND HALO COMMERCIAL RECESSED LUMINAIRES

Portfolio LD4B

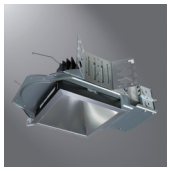


Portfolio LDSQ4B

Portfolio LDA4A

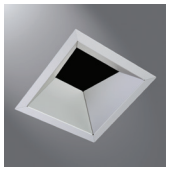
Portfolio LDSQA4A

Portfolio LD6B



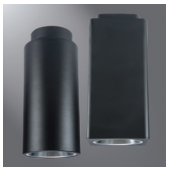
Portfolio LDSQ6B

Portfolio LDA6A



Portfolio LDSQA6A

Portfolio LD8A



Portfolio LSR4B/LSSQ4B

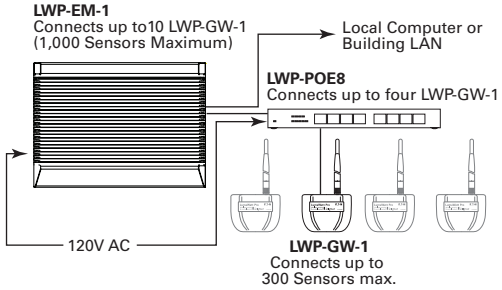
Portfolio LSR6B/LSSQ6B

Portfolio LSR8A/LSRWM8A

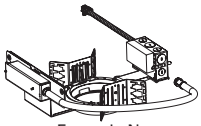
Halo Commercial PD6

Halo Commercial PR8

SYSTEM CONFIGURATIONS

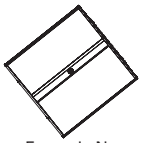


LD6B
Recessed downlight LED luminaire



Example No.:
LD6B15D010EMBOD-EU6B10208035-6LBM1LIE-PORLWTPD1

Encounter
Recessed ambient LED luminaire

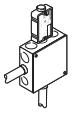


Example No.:
22EN-LD2-UNV-L835-SR1-LWIPD1-U

Galleon
Outdoor area LED luminaire

Example No.:
GLEON-AE-04-LED-E1-T3-GM-LWR-LN

Plug Load Controller

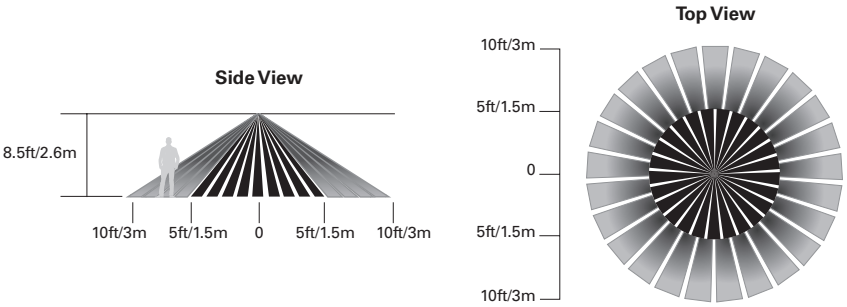


Example No.: LWP-PC-01-20
Optional

Note: The minimum system requires at least one luminaire, one Gateway, a Power over Ethernet (POE) network, and one Energy Manager. Other components are optional, and the system is expandable. See System Planning and Extents table for more details.

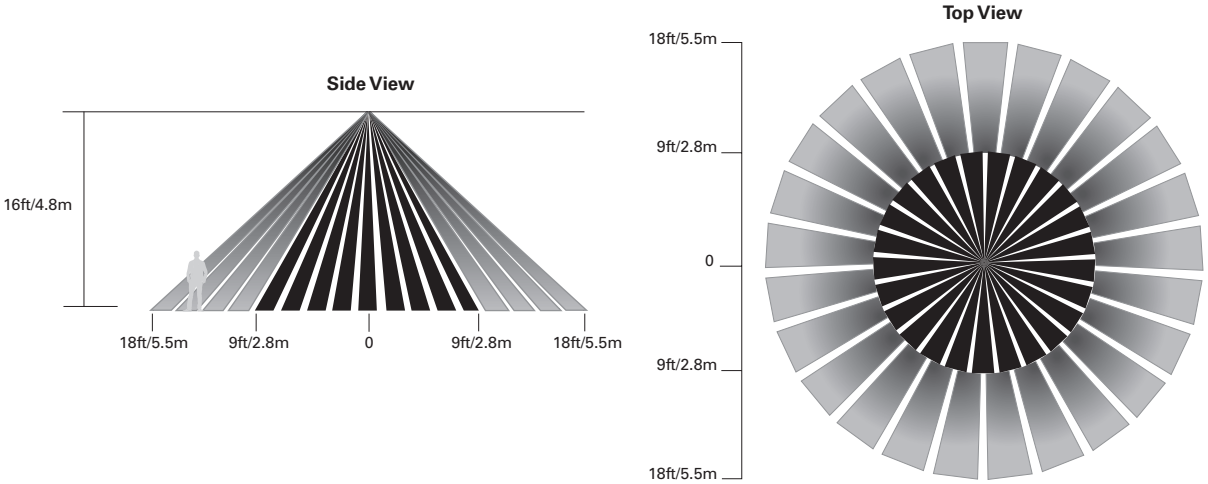
For additional details and the most current luminaire compatability, see www.eaton.com/lumawattpro.

8FT. RECOMMENDED PRACTICE - ONE SENSOR PER FIXTURE



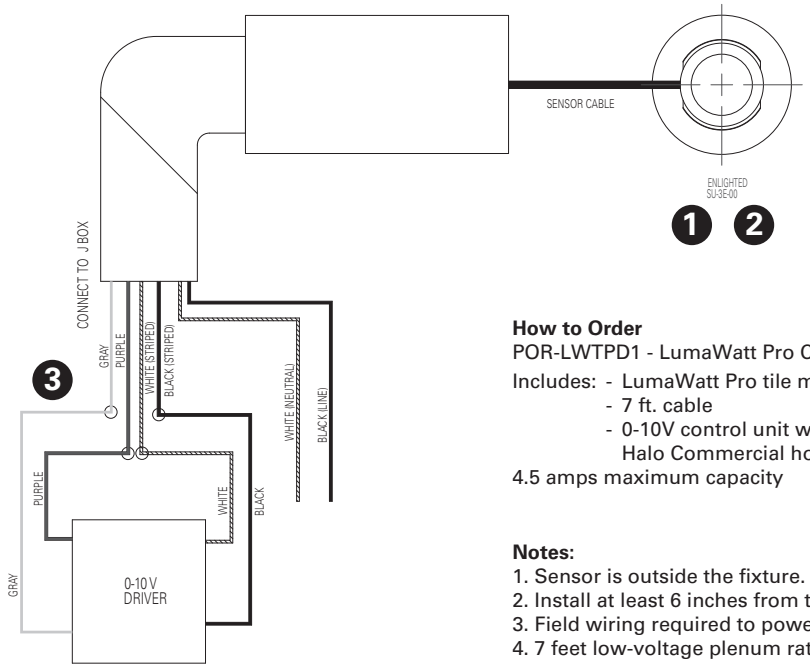
Note: Recommended sensor placement is one-to-one per fixture. Coverage patterns indicate where occupancy detection occurs. Exceeding the height or spacing shown will result in reduced coverage.

16FT. RECOMMENDED PRACTICE - ONE SENSOR PER FIXTURE



Note: Recommended sensor placement is one-to-one per fixture. Coverage patterns indicate where occupancy detection occurs. Exceeding the height or spacing shown will result in reduced coverage.

WIRING DIAGRAM



How to Order

POR-LWTPD1 - LumaWatt Pro Connected Lighting System tile-mounted sensor accessory kit.

Includes:
- LumaWatt Pro tile mount sensor (LWP-SU-4E-01)
- 7 ft. cable
- 0-10V control unit with flexible metal conduit mounting bracket for Portfolio and Halo Commercial housings

4.5 amps maximum capacity

Notes:

1. Sensor is outside the fixture.
2. Install at least 6 inches from the luminaire using a 15/16" hole.
3. Field wiring required to power input, power output and low-voltage dimming leads.
4. 7 feet low-voltage plenum rated cable included.

Powering Business Worldwide

Eaton
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.eaton.com/lighting

Specifications and dimensions subject to change without notice.