

# Portfolio / Halo Commercial

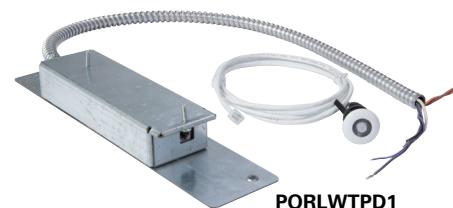
## PORTFOLIO/HALO COMMERCIAL LUMAWATT PRO CONNECTED LIGHTING SYSTEM POWERED BY ENLIGHTED

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.

### How it works:

- Recessed luminaires with 1-10V drivers 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.

<b>Catalog #</b>		<b>Type</b>
<b>Project</b>		
<b>Comments</b>		<b>Date</b>
<b>Prepared by</b>		

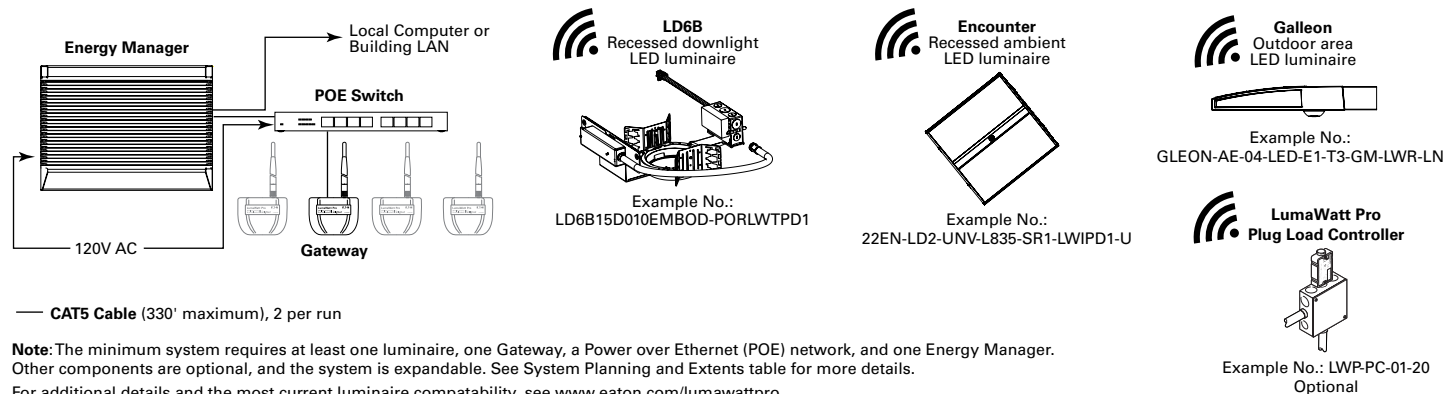


**PORLWTPD1**

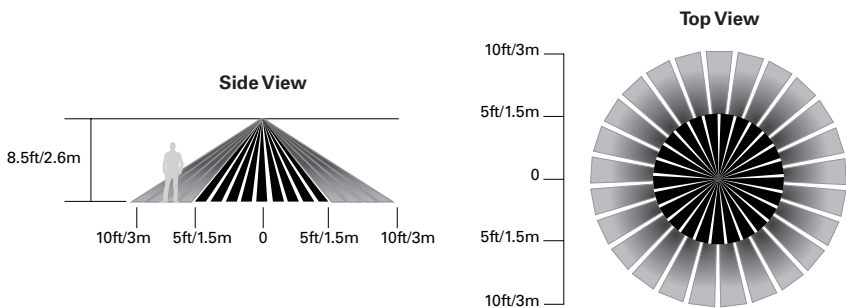
## LUMAWATT PRO POWERED BY ENLIGHTED IN PORTFOLIO AND HALO COMMERCIAL RECESSED LUMINAIRES



## SYSTEM CONFIGURATIONS

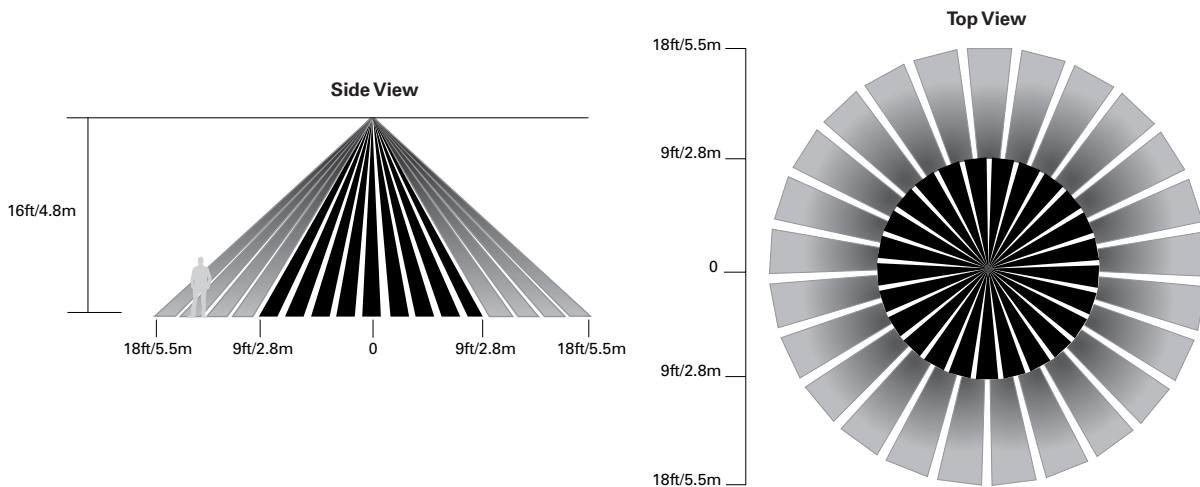


**8FT. RECOMMENDED PRACTICE - ONE SENSOR PER FIXTURE**



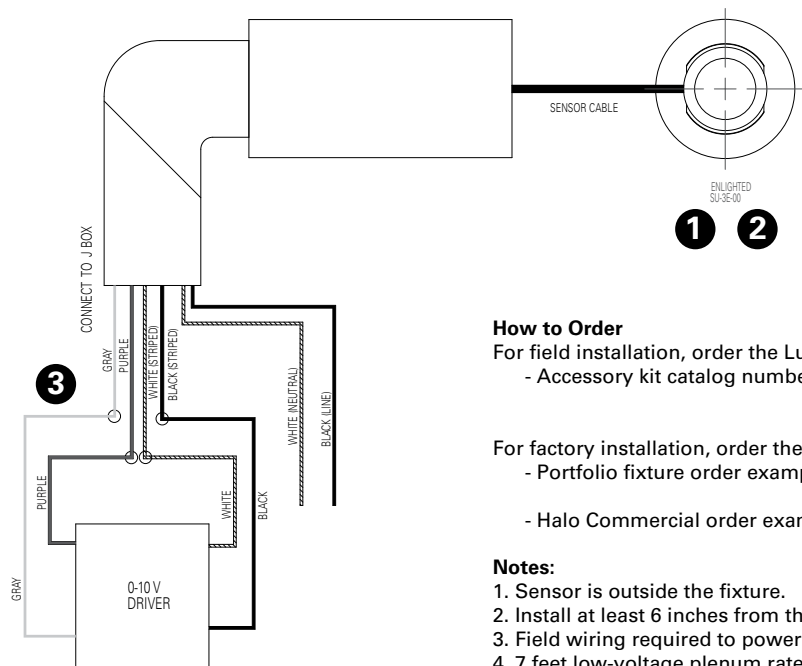
**Note:** Recommended sensor placement is one-to-one per fixture. Coverage patterns indicate where occupancy detection occurs. Exceeding the height or spacing shown will result in reduced coverage.

**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**

For field installation, order the LumaWatt Pro connected system tile mounted sensor accessory kit.  
 - Accessory kit catalog number = PORLWTPD1 for 2-inch, 4-inch and 6-inch  
 POR8LWTPD1 for 8-inch

For factory installation, order the LumaWatt Pro sensor option as part of the fixture catalog number.  
 - Portfolio fixture order example: LD6B15D010-PORLWTPD1  
 LD8A10D010TE-POR8LWTPD1  
 - Halo Commercial order example: PD610D010B-PORLWTPD1

**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.