



Connected Lighting System Specification Sheet Supplement

Metalux Luminaire with Integrated Sensor:

- WaveLinx (SW series)
- DLVP (LV driver and SLV sensor Series)
- SVP Series
- LumaWatt Pro (LWI, LWT and LWR series)



Connected
Systems

Connected Lighting System specification sheet supplement

Metalux luminaire with Integrated Sensor

WaveLinx

Wireless Connected Lighting System



Adjustable occupancy sensing and daylight dimming control

Simple, secure wireless connectivity with out-of-the-box code compliance

Easy to use mobile application allows for fast set up and unlocks advanced control capabilities

Detection pattern covers standard ceiling applications up to 12 feet

Take compliance, network security, and energy savings into your own hands

Automatic code compliance. Seven tiers of information security features. Integrated wireless sensors to collect and transmit key building data. And, the ability to control your system from a mobile app. It's simple: WaveLinx just works.

pages 4-6

CLICK HERE

to WaveLinx
section

DLVP

Distributed Low Voltage Power System



Save on labor costs. With an average of 40% reduction in man hours, DLVP reduces number of qualified electricians needed on the job site and installs 2X faster than traditional systems.

Save on materials. DLVP eliminates the need for unnecessary line-voltage materials.

No system commissioning. A contractor can configure the system with the flip of a switch, or by using a handheld remote.

Code compliance made easy. The system was designed to meet the energy code requirements of any space.

The new standard in energy distribution technology

The low-voltage power system that's practically plug and play. No more struggling to find qualified electrical labor for your job site. No more waiting weeks for commissioning teams. No more compliance woes. Eliminate costly project delays with our groundbreaking Distributed Low-Voltage Power System, and save up to 20% on the total installed cost of your LED lighting and controls system.

pages 7-9

CLICK HERE

to DLVP section

Connected Lighting System specification sheet supplement

Metalux luminaire with Integrated Sensor

SVPD

Integrated Sensor System



Adjustable occupancy sensing and daylight dimming control

Out-of-the-box functionality with no configuration required

Optional handheld remote for field adjustments and personal control

Low-bay and high-bay detection pattern options for various ceiling heights up to 30 feet

Expand your sense of control

The luminaire-integrated sensor control system reduces the design time and complexity of meeting energy codes for both lighting and controls. The sensor system was designed to guarantee occupancy and daylight harvesting coverage from within the footprint of the luminaire, so the lighting design is the control design. And, the system achieves the lowest installed cost in small spaces compared to traditional control products.

pages 10-13

CLICK HERE

to SVPD section

LumaWatt Pro

Wireless Connected Lighting System powered by Enlighted



Configurable dimming, occupancy, light, temperature and power use sensing

Enterprise-class wireless networking with fully addressable settings

Powerful software for energy management and Internet of Things (IoT) data capture and analytics

Low bay detection pattern covers low- and high-ceiling applications up to 20 feet

A lighting system that transforms into an enterprise network

Cooper Lighting Solutions' LumaWatt Pro powered by Enlighted is the connected lighting solution that combines a broad selection of energy-efficient LED luminaires with a powerful wireless sensor system. The sensor controls the lighting system in compliance with the latest energy codes and collects valuable data about building performance and use. Software applications turn the granular data into information through energy dashboards and specialized apps that make it simple and help optimize the use of building resources beyond lighting.

pages 14-17

CLICK HERE

to LumaWatt Pro section

WaveLinx Wireless Integrated Sensor System

Wavelinx Wireless Integrated Sensor System SWPD Series

Metalux recessed ambient luminaires with WaveLinx Wireless Connected Lighting (WCL) system combine power, lighting, connectivity and software into a complete and powerful solution. Wireless integrated controls and advanced LED technology deliver a simple to install, flexible, and secure solution.

WaveLinx is an industry-leading comprehensive and cost effective wireless lighting system. WaveLinx provides out-of-the-box functionality to get off the job faster along with easy setup, programming, and control through the intuitive mobile application. With drag and drop features along with Cooper Lighting Solutions' patent pending Automatic Code Commissioning, you'll save time and eliminate the cost and complexity of programming while providing a flexible and reconfigurable wireless topology for future on the fly space changes. WaveLinx provides a better user experience for building occupants through the personal user app and simple control of the lighting and plug loads.

The system can use an optional integrated sensor in each luminaire, providing occupancy sensing and daylight dimming from within the footprint of the fixture. With occupancy and light sensing built into the luminaire itself, the lighting design is the control design. Using the WaveLinx Wireless Connected Lighting integrated sensor simplifies the design of the control system, because the sensor covers the same area that the fixture does. Installation costs are reduced compared to traditional controls, with nothing but the power connection to make. WaveLinx Wireless Connected Lighting securely connects wirelessly to the fixtures, provides code-compliant energy saving strategies, gives occupants the ability to use lighting presets, and adjust the light levels.

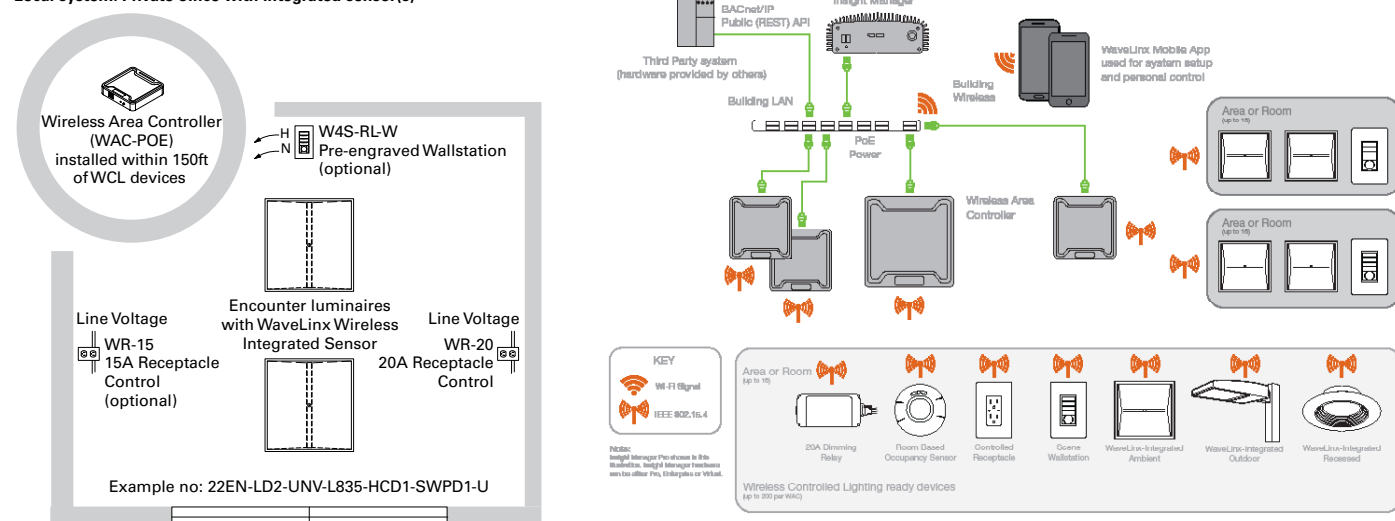
How it works:

- Recessed ambient luminaires are factory wired with integrated occupancy and daylight sensors with out-of-the-box functionality.
- WaveLinx Mobile provides direct setup of the lighting system using drag and drop programming.
- Once a luminaire is placed in the correct area, a patent pending automatic commissioning tool provides a code compliant LED lighting and control system that just works.

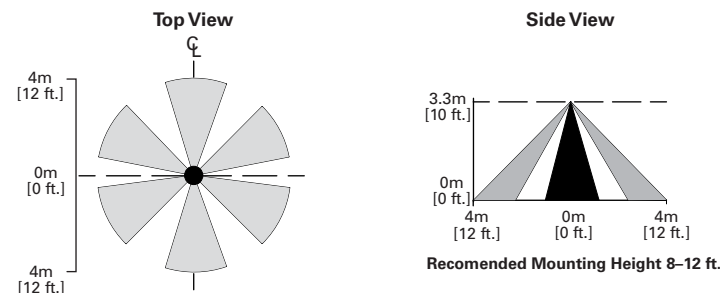
For a list of WaveLinx compatible fixtures, visit www.cooperlighting.com

System Configurations

Local system: Private office with integrated sensor(s)



Coverage SWPD1 Series (not to scale)



Notes: 1. The coverage pattern shown above depicts the area below the luminaire where the integrated sensor system can detect occupancy. 2. Spacing between fixtures should not exceed the coverage pattern of the sensor. 3. Mounting height should not exceed coverage shown. 4. Exceeding these spacing/height guidelines will result in reduced integrated sensor performance.

Metalux Recessed Ambient luminaires available with WaveLinx Integrated Sensor

Metalux luminaires with the WaveLinx integrated sensor system option (SWPD1) are available for the following

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Ordering Information

Compatibility Details: Metalux WaveLinx luminaires are compatible only with the WaveLinx system and software, and require system components to be installed for operation. Consult WaveLinx system information located at www.cooperlighting.com

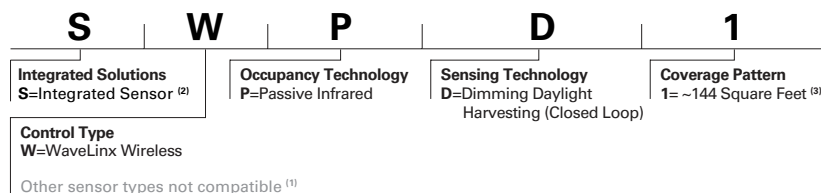
Metalux luminaires with WaveLinx are all:

- Factory pre-wired with luminaire level system components
- cULus 1598 Listed
- Damp Location Listed
- IC Rated ⁽²⁾
- LM79/LM80 Compliant
- RoHS Compliant

Metalux luminaires use a standard catalog logic across multiple series. WaveLinx-compatible fixtures are available with the options below. Options shown in gray or excluded are not compatible.

EXAMPLE CATALOG LOGIC:

Encounter 2x2 recessed ambient luminaire with Integrated sensor: 22EN-LD2-34-UNV-L835-HCD1-SWPD1-U

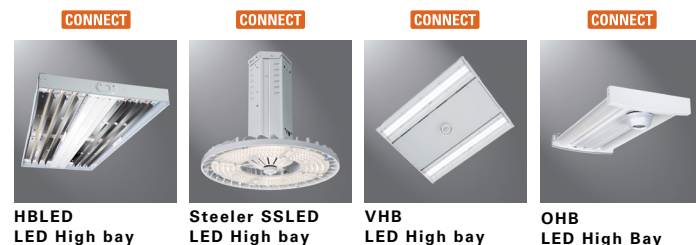


NOTES: ⁽¹⁾ See luminaire specifications for available options. ⁽²⁾ Sensor is inside the fixture. ⁽³⁾ Refer to sensor coverage pattern diagram. Specifications & dimensions subject to change without notice. Consult your Cooper Lighting Solutions Representative for availability and ordering information.

Metalux Industrial luminaires available with Integrated Sensor System

Metalux luminaires are available in multiple sizes and light output ranges, where shown. The Integrated Sensor system is compatible with all sizes. See ordering details on each respective luminaire specification sheet.

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Ordering Information

Compatibility Details: Metalux WaveLinx luminaires are compatible only with the WaveLinx system and software, and require system components to be installed for operation. Consult WaveLinx system information located at www.cooperlighting.com

Metalux luminaires with WaveLinx are all:

- Factory pre-wired with luminaire level system components
- cULus 1598 Listed
- Damp Location Listed
- IC Rated ⁽²⁾
- LM79/LM80 Compliant
- RoHS Compliant

Metalux luminaires use a standard catalog logic across multiple series. WaveLinx-compatible fixtures are available with the options below. Options shown in gray or excluded are not compatible.

EXAMPLE CATALOG LOGIC:

HBLED high bay with Integrated sensor: HBLED-LD5-18SE-W-UNV-L840-CD2-ZW-U

S	W	P	D	3
Integrated Solutions S =Integrated Sensor ⁽²⁾	Occupancy Technology P =Passive Infrared	Sensing Technology D =Dimming Daylight Harvesting (Closed Loop)	Coverage Pattern 3 =15 - 40 ft. (4.5 - 12.2m) ⁽³⁾	
Control Type W =WaveLinx Wireless				
Other sensor types not compatible ⁽¹⁾				

NOTES: ⁽¹⁾ See luminaire specifications for available options. ⁽²⁾ Sensor is inside the fixture. ⁽³⁾ Refer to sensor coverage pattern diagram.

Specifications & dimensions subject to change without notice. Consult your Cooper Lighting Solutions Representative for availability and ordering information.

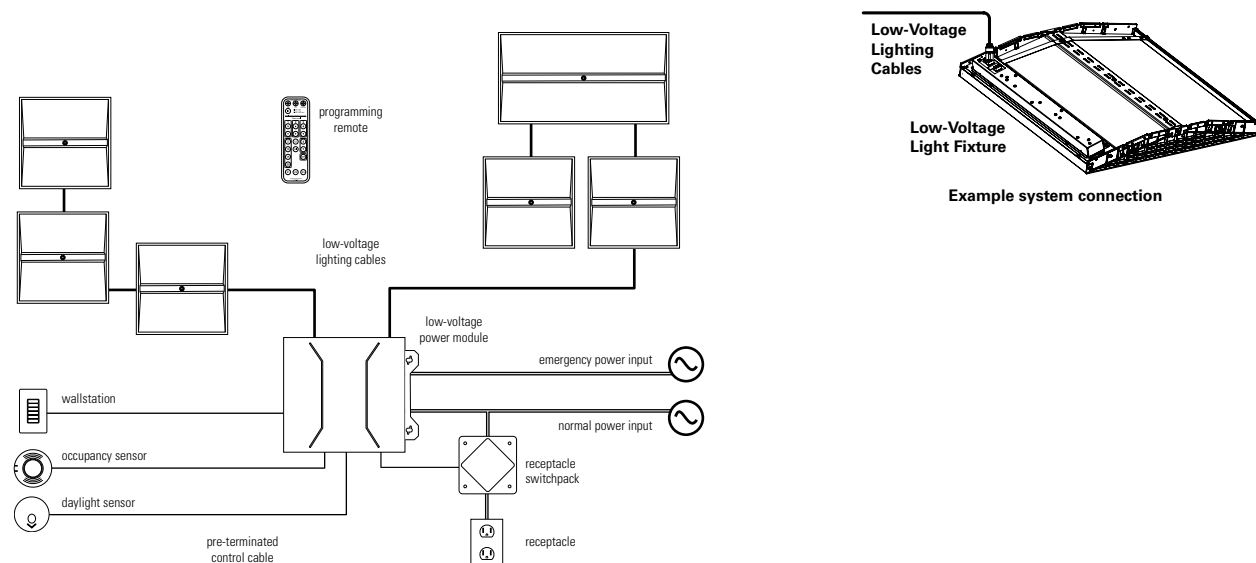
Metalux Distributed Low-voltage Power System Lighting Solutions

Cooper Lighting Solutions' Distributed Low-Voltage Power System combines power, lighting and controls into one simple yet brilliant solution. Low-voltage DC and advanced LED technology meet integrated controls to deliver a system that is flexible, sustainable and highly cost-effective. Whether you manage a single room or entire facility, you want a safe, cost-conscious, easy-to-configure system that simplifies energy code compliance. By implementing distributed low-voltage power along with LED lighting and controls, you maximize electrical efficiency and minimize installation and commissioning costs.

Distributed Low-Voltage Power System compatible Metalux luminaires use efficient Direct Current (DC) power from the DLVP system with an addressable controller factory-installed in the fixture housing. The addressable controller has two connectors for quick and easy wiring, using pre-terminated lighting cables with both power and control, and can be daisy chained. Using the DLVP system, each luminaire dims to off, can be configured to control zones, and can be controlled with optional wall stations, sensors and handheld remotes. Luminaires are also available with an optional integrated sensor system for maximum energy savings at each luminaire. The sensor system reduces installation costs to meet code requirements even further while reducing the planning time normally associated with sensors. The sensor system is factory installed and prewired and controls the fixture based on vacancy/occupancy (passive infrared), daylight (closed loop) and input from an optional programming or personal control remote. Metalux luminaires are also available with low-voltage Emergency Battery Pack options, providing code-compliant lighting levels with only one connection to make. Refer to the DLVP system specifications for additional information, features and benefits.

Metalux Recessed Ambient luminaires with LED technology provide energy efficient, high quality and cost-effective lighting solutions for a wide variety of commercial applications. The luminaire families shown are available in standard ceiling grid sizes, have a range of light (lumen) output choices, and a selection of color temperatures (CCT). The Encounter and SkyRidge families feature Cooper Lighting Solutions' advanced WaveStream LED technology, delivering exceptional performance combined with aesthetically pleasing design elements. Refer to the specification sheets for each family, found at www.cooperlighting.com.

System Overview – Distributed Low-voltage Power System (DLVP)



Note: When optional integrated sensors are used on any one zone, all luminaires on a power module must have integrated sensors. Optional integrated sensor shown.
Note: Minimum system requires at least one luminaire, at least one power module and at least one low-voltage lighting cable.

Refer to Distributed Low Voltage Power System documents for full details and operation

DLVP

Distributed Low Voltage Power System

Metalux Recessed Ambient luminaires available with DLVP

Metalux luminaires are available in 2' x 4', 2' x 2', 1' x 4' and 1' x 2' sizes where shown. The DLVP system is compatible with all sizes. Optional integrated sensor systems are available for all series shown.

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Ordering Information

Compatibility Details: Metalux DLVP luminaires are compatible only with the DLVP system and require components of the system to operate correctly. The minimum system requirements are at least one compatible luminaire, one power module, and one low-voltage lighting cable.

Metalux DLVP-compatible luminaires are all:

- UL2108 listed
- Listed for dry locations only

Metalux luminaires use a standard catalog logic format across multiple series. DLVP-compatible fixtures are available with the options below. Options shown in gray are not compatible.

Encounter and Cruze EXAMPLE CATALOG LOGIC:

No sensor: 22EN-LD2-34-48V-L835-LV1-U

With sensor: 22CZ-LD4-35-48V-L835-LV1-SLVPD1-U

S	LV	P	D	1
Sensor S=Integrated Sensor ⁽¹⁾ (optional)	Occupancy Technology P=Passive Infrared	Sensing Technology D=Dimming Daylight Harvesting (Closed Loop)	Coverage Pattern 1= ~144 Square Feet	
Control Type LV=Low Voltage System				

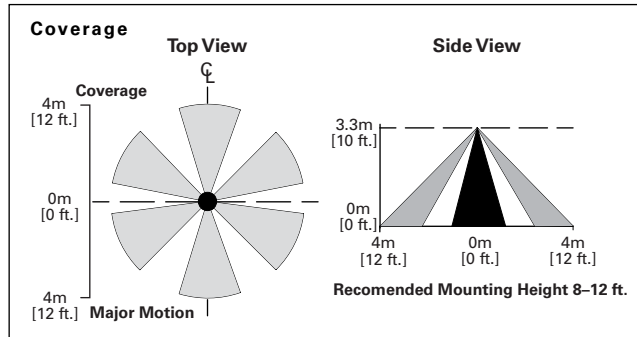
NOTES: ⁽¹⁾ SLVPD1 sensor systems compatible with DLVP system only. When used all luminaires on a zone must have a sensor in every luminaire.

Specifications & dimensions subject to change without notice. Consult your Cooper Lighting Solutions Representative for availability and ordering information.

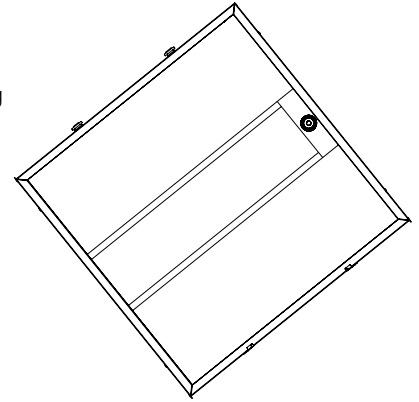
Integrated Sensor

An optional integrated sensor system is available for maximum energy savings. A sensor is installed in each luminaire, turning the fixture on and off based on occupancy, and adjusting the fixture light output based on the amount of light around it (closed loop). The sensor system also acts as a control and programming input point to the system. See the DLVP system instruction sheet for more information.

Note: Remote control optional. Remote required to make configuration change.



1. The coverage pattern shown above depicts the area below the luminaire where the integrated sensor system can detect occupancy.
2. Spacing between fixtures should not exceed the coverage pattern of the sensor.
3. Mounting height should not exceed 12 feet.
4. Exceeding these spacing/height guidelines will result in reduced integrated sensor performance.



ArcLine R LED with SLVPD1 option
Example: 22ALNG-LD4-35-R-L835-LV1-SLVPD1-U

Optional Integrated Sensor Factory Defaults

Occupancy Detection Mode	Manual On (vacancy), active
Default Occupancy Time	20 minutes
Occupancy Sensitivity	High
Fade Up/Down Time	Minimum to Maximum in 9 seconds
Daylight Harvesting Level	Off

Note: Above settings are configurable. See DLVP system manual for additional instructions

Optional DLVP Programming Remote

The DLVP programming remote is a handheld tool that provides the user the ability to individually toggle zones, set sensor hold times and sensitivity, set daylight gains by zone, set sensor range, and assign fixtures with integrated sensors to control zones.

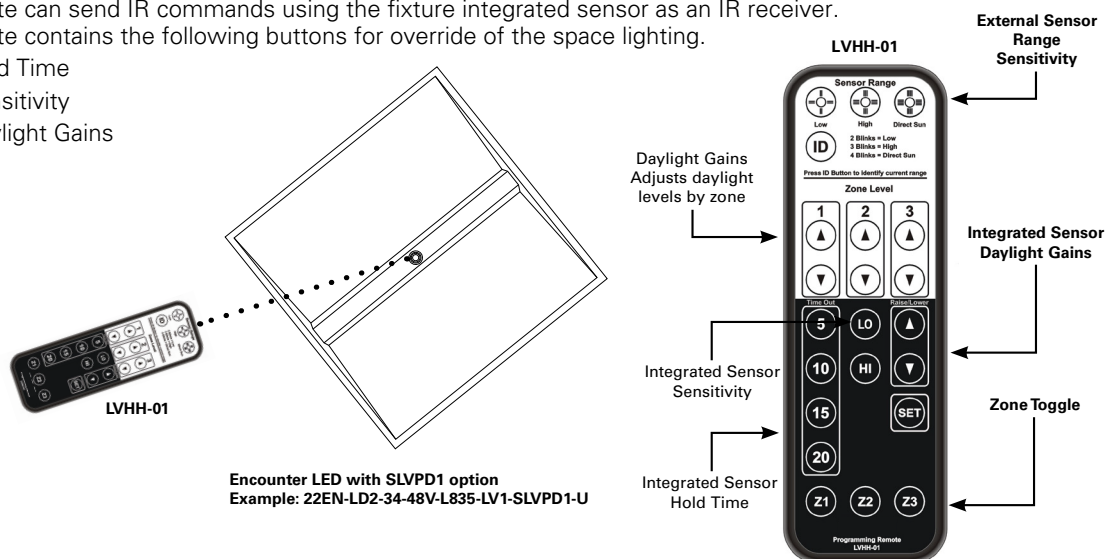
Features

Simple to use programming remote
Fixture zone assignment (requires integrated sensors)
Daylight gains adjustment
Sensor Range adjustment

Description/Operation

The programming remote can send IR commands using the fixture integrated sensor as an IR receiver. The programming remote contains the following buttons for override of the space lighting.

- Integrated Sensor Hold Time
- Integrated Sensor Sensitivity
- Integrated Sensor Daylight Gains
- Zone 1 (Raise/Lower)
- Zone 2 (Raise/Lower)
- Zone 3 (Raise/Lower)
- Zone 1 Toggle (on/off)
- Zone 2 Toggle (on/off)
- Zone 3 Toggle (on/off)



Cooper Lighting Solutions Integrated Sensor System - SVPD1, SVPD2, SVPD3 series

Capture the benefits of traditional lighting controls, without complicated coverage planning or special wiring using a sensor in every fixture. Ideal for new construction or retrofit fixtures. With the SVPD series, integrated sensors have automatic occupancy detection and daylight dimming out of the box, immediately saving energy. The lighting system will turn on automatically, dim to a preset level, and begin to raise/lower to a default light level. The fixture will also turn off when no one is around.

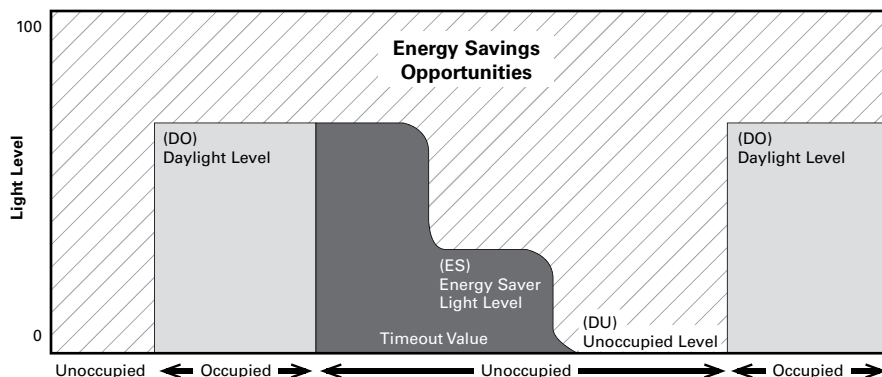
The integral daylight sensor* reduces the need for special daylight zone planning. Each luminaire will automatically adjust the light level based on reflected light beneath the sensor.

Occupied daylight light levels and unoccupied light levels can be adjusted using the integrated sensor programming remote (Catalog Number: ISHH-01). The integrated sensor personal remote (Catalog Number: ISHH-02) provides code compliant (ASHRAE, IECC, T24) manual raise, lower, ON, OFF control.

How it works:

- As the user enters the space controlled by the integral sensor, the lighting turns ON to the default daylight level.
- Lighting will remain at that the daylight level until the space is unoccupied. This will start the occupancy timeout period (default 20 minutes).
- If the space remains unoccupied for half of the timeout period, the lighting will automatically reduce to the Energy Saver light level. This adjustable light level is typically half of the occupied daylight level.
- At the end of the timeout period the lighting will go to the unoccupied light level. This adjustable light level uses the OFF default setting.
- Use the ISHH-01 Programming remote to customize the settings and time values. Refer to the Integrated Sensor programming guide for more information. Use the ISHH-02 Personal Control remote to temporarily turn the lighting on or off, or change the light level, all without interrupting the programmed settings.

*Daylight sensing not available on some models.



For default settings by luminaire series, consult the integrated sensor (SVPD1, SVPD2, SVPD3). Specification sheet supplement located at www.cooperlighting.com

Remote Control



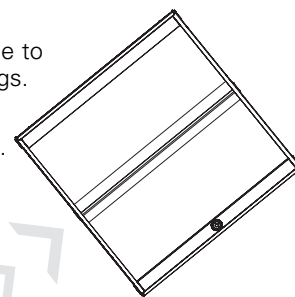
ISHH-01
Programming/Control
Remote (1)



ISHH-02
Personal Control
Remote (1)

Programming Remote Functionality

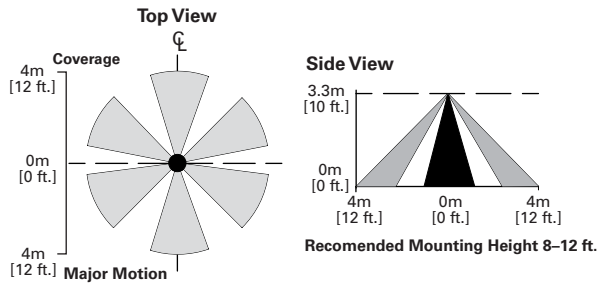
1. An optional programming remote is available to change the integrated sensor default settings.
2. Only one remote is needed to program multiple luminaires with integrated sensors.
3. Refer to the Integrated Sensor Remote Programming Guide for detailed information on the use and programming of the integrated sensor and programming remote.



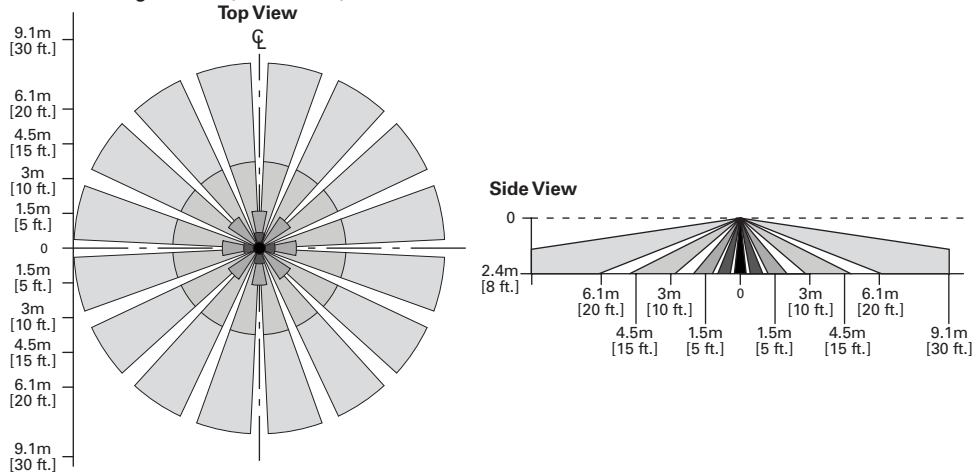
Notes: (1) Compatible with SVPD series only.

Cooper Lighting Solutions Integrated Sensor System Series Features - SVPD1, SVPD2, SVPD3, SVP3

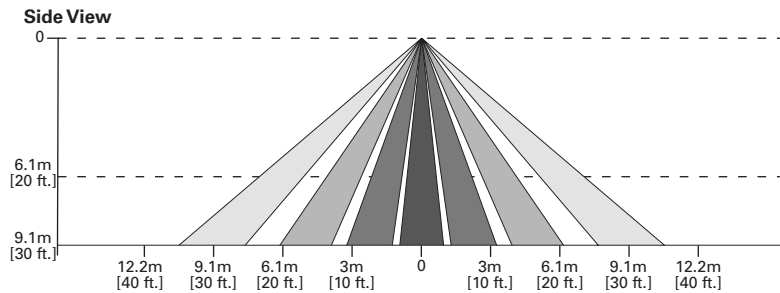
SVPD1 Coverage Pattern (not to scale)



SVPD2 Coverage Pattern (not to scale)



SVPD3, SVP3 Coverage Pattern (not to scale)



Notes: ① The coverage pattern shown above depicts the area below the luminaire where the integrated sensor system can detect occupancy. ② Spacing between fixtures should not exceed the coverage pattern of the sensor. ③ Mounting height should not exceed coverage shown. ④ Exceeding these spacing/height guidelines will result in reduced integrated sensor performance.

Default Settings - SVPD1, SVPD2, SVPD3, SVP3

Occupancy Detection	Auto-on, Active
Default Occupancy Time Out	20 minutes
Occupancy Sensitivity	High
Energy Saver Scene	100 % - Occupied Scene
Default Daylight Harvesting Level ⁽¹⁾	Consult luminaire specification
Default Unoccupied Light Level	Off

Notes: ① SVP3 series excludes Daylight Harvesting.

SVPD

Integrated Sensor System

Metalux Recessed Ambient luminaires available with Integrated Sensor System

Metalux luminaires are available in 2' x 4', 2' x 2', 1' x 4' and 1' x 2' sizes where available. The Integrated Sensor system is compatible with all sizes. See ordering details on each respective luminaire specification sheet.

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SVPD1 Ordering Information for Recessed Ambient

Compatibility Details: Metalux Integrated Sensor system luminaires are compatible only with the Integrated Sensor system remote controls. Programming may be required for optimal results.

Metalux luminaires with Integrated Sensors:

- cULus 1598 Listed
- Damp Location Listed
- IC Rated
- LM79/LM80 Compliant
- RoHS Compliant

Metalux luminaires use a standard catalog logic across multiple series. Integrated Sensor system-compatible fixtures are available with the options below.

Fixture comes with factory installed and pre-wired sensor system. Requires power only. Default programming is active immediately. Setting can be adjusted using an optional remote control.

Encounter EXAMPLE CATALOG LOGIC:

Integrated sensor: 22EN-LD2-34-UNV-L835-CD1-SVPD1-U

S	V	P	D	1
Integrated Solutions ⁽³⁾ S=Integrated Sensor	Occupancy Technology P=Passive Infrared	Sensing Technology D=Dimming Daylight Harvesting (Closed Loop)	Coverage Pattern 1= ~144 Square Feet ⁽⁴⁾	
Control Type V=0-10V Compatible ⁽²⁾ Other sensor types not compatible ⁽¹⁾				

Accessories (order separately)
ISHH-01=Programming Remote for Integrated Sensor
ISHH-02=Personal Control Remote for Integrated Sensor

NOTES: ⁽¹⁾ See luminaire specifications for available options. ⁽²⁾ Control unit factory pre-wired to 0-10V driver. No other control connection required. ⁽³⁾ Sensor is inside the fixture. ⁽⁴⁾ Refer to sensor coverage pattern diagram.

Specifications & dimensions subject to change without notice. Consult your Cooper Lighting Solutions Representative for availability and ordering information.

Optional Integrated Sensor Handheld Remote Controls



ISHH-01
Programming
Remote



ISHH-02
Personal Control
Remote

See Integrated Sensor Programming Instructions for more details.

Metalux Industrial luminaires available with Integrated Sensor System

Metalux luminaires are available in multiple sizes and light output ranges, where shown. The Integrated Sensor system is compatible with all sizes. See ordering details on each respective luminaire specification sheet.

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SVPD3 Ordering Information for Industrials

Compatibility Details: Metalux Integrated Sensor system luminaires are compatible only with the Integrated Sensor system remote controls. Programming may be required for optimal results.

Metalux luminaires with Integrated Sensors:

- cULus 1598 Listed
- Damp Location Listed
- LM79/LM80 Compliant
- RoHS Compliant

Metalux luminaires use a standard catalog logic across multiple series. Integrated Sensor system-compatible fixtures are available with the options below.

Fixture comes with factory installed and pre-wired sensor system. Requires power only. Default programming is active immediately. Setting can be adjusted using an optional remote control.

Steeler LED EXAMPLE CATALOG LOGIC:

Integrated sensor: **SSLED-LD5-24-M-UNV-L840-CD2-SVPD3-U**

SVPD3

SVPD3=Integrated Occupancy and Daylight Sensor, 1200 sq. ft. Coverage ^{(5), (6)}

Accessories (order separately)
ISHH-01=Programming Remote for Integrated Sensor
ISHH-02=Personal Control Remote for Integrated Sensor

NOTES: ⁽⁵⁾ Cooper Lighting Solutions sensor SVPD3 available in UNV only. ⁽⁶⁾ Reflectors not compatible with sensor options.

Specifications & dimensions subject to change without notice. Consult your Cooper Lighting Solutions Representative for availability and ordering information.

Optional Integrated Sensor Handheld Remote Controls



ISHH-01
Programming Remote



ISHH-02
Personal Control Remote

See Integrated Sensor Programming Instructions for more details.

LumaWatt Pro Wireless Integrated Sensor System Series - LWI, LWT, LWR

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:

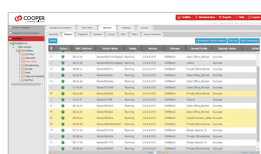
- Luminaires are factory wired to sensors, which provide lighting control and more as independent, fault-proof, resilient networks of powerful end-points. Sensors have profiles with all the variables for the application assigned once a configuration is set. The sensor will manage the fixture without connectivity to the system.
- Sensors gather data from four on-board inputs: PIR occupancy light, and power metering. 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.

For a list of LumaWatt Pro compatible luminaires, visit www.cooperlighting.com

Software Application



**Energy Manager
Lighting
Dashboard**



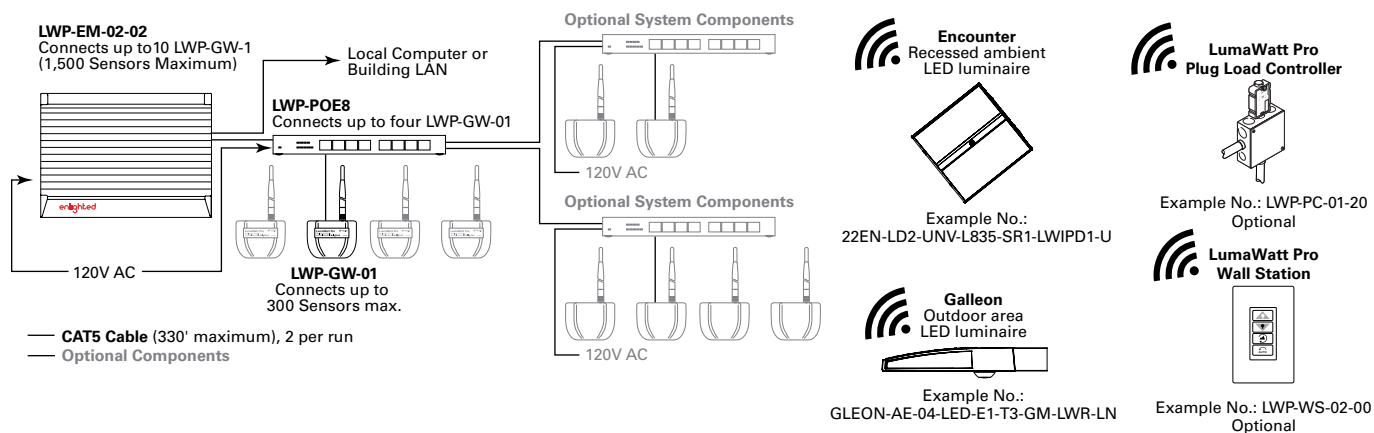
**Energy Manager
Facility
Management**



**Space Analysis
Application***

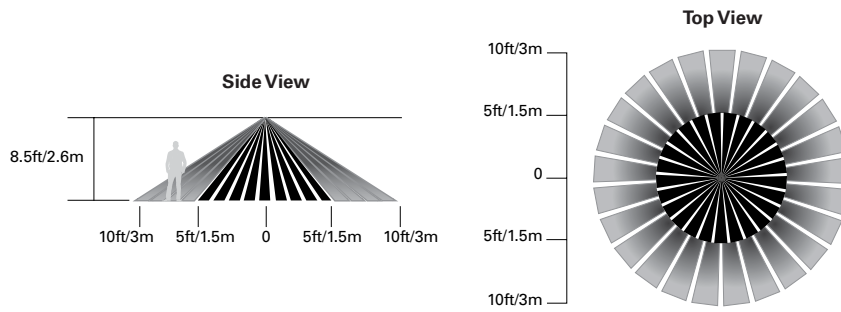
Note: Software applications are internet browser based and require a network connection. Secured with configurable user name/password protection.
*Optional cloud-based data analytics applications. Contact your Cooper Lighting Solutions representative for more information.

System Configurations



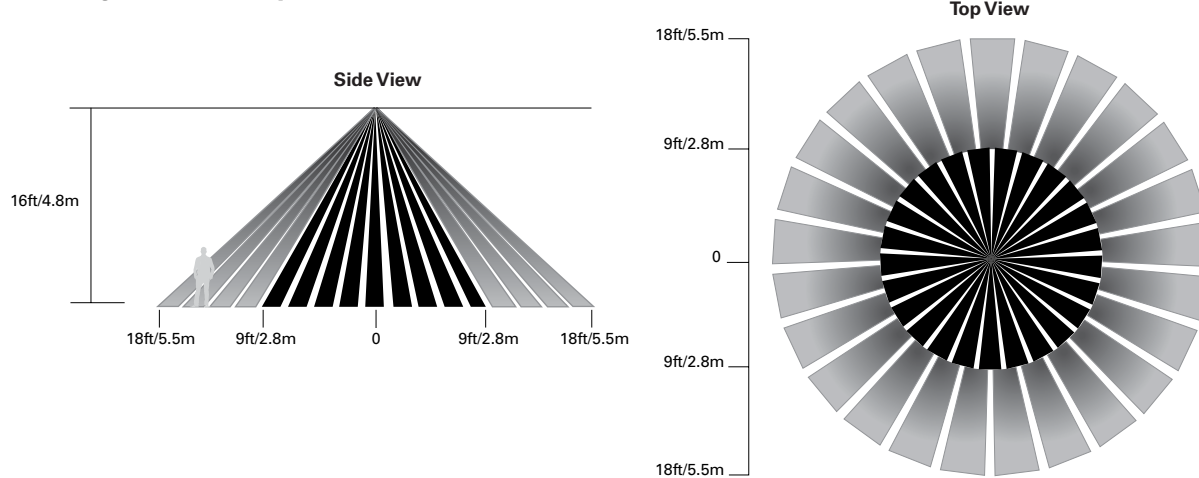
Note: The minimum system requires at least one luminaire, one Gateway, a Power over Ethernet (POE) network, and one Energy Manager. Other components are optional, and the system is expandable. See www.cooperlighting.com. Consult the System Planning and Extents table for more details.

Coverage, LWIPD1 Option Integrated Sensor



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.

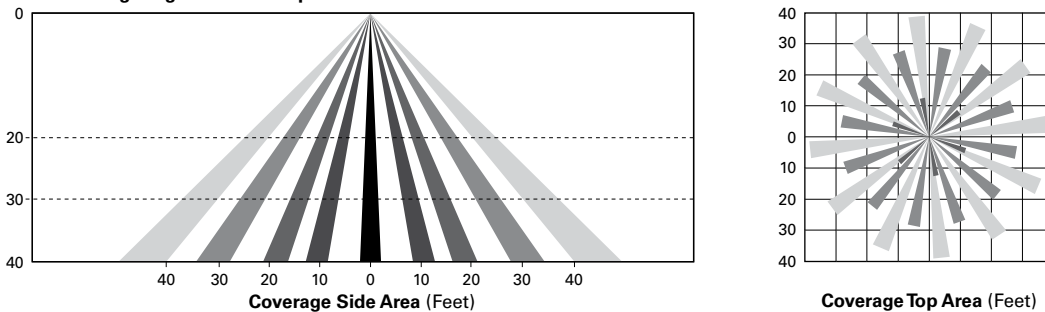
Coverage, LWTPD1 Option Tile-mount Sensor



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.

Coverage, Ruggedized (IP65 Rated) Integrated Sensor (LWR)

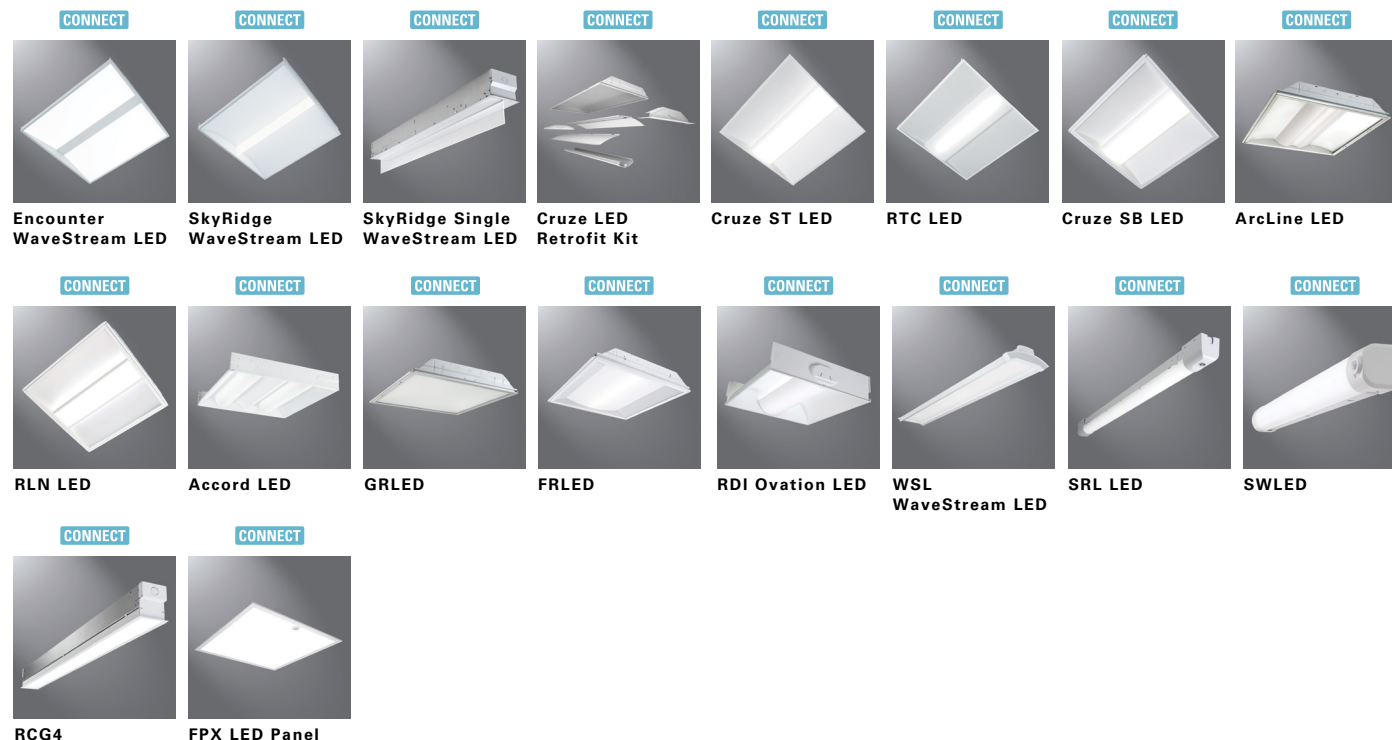
For Mounting Heights from 16' up to 40'



Metalux Recessed Ambient luminaires available with LumaWatt Pro powered by Enlighted

Metalux luminaires are available in various sizes where shown. The Lumawatt Pro system is compatible with all sizes. Integrated sensor (LWIPD1) systems are factory installed within the fixture. All series are also available with a Tile-mount (LWTPD1) option for field installation of the sensor.

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to product page



Ordering Information for Recessed Ambient

Compatibility Details: Metalux LumaWatt Pro luminaires are compatible only with the LumaWatt Pro system and software, and require system components to be installed for operation.

Metalux luminaires with LumaWatt Pro are all:

- cULus 1598 Listed
- Damp Location Listed
- LM79/LM80 Compliant
- RoHS Compliant

Other ratings and compliance details are available series by series. See luminaire specification sheet for details.

Metalux luminaires use a standard catalog logic across multiple series. LumaWatt Pro-compatible fixtures are available with the options below. Options shown in gray are not compatible.

Encounter and Cruze EXAMPLE CATALOG LOGIC:

With Integrated sensor: 22EN-LD2-UNV-L835-SR1-LWIPD1-U

With Tile-mount sensor: 24CZ-LD4-UNV-L835-CD1-LWTPD1-U

Either version comes with a wireless sensor and is factory wired. LWTPD1 also has the low-voltage plenum rated cable (7') and the tile mount sensor. The LWTPD1 sensor is field installed through a ceiling tile or drywall surface.

L	P	D	1
Integrated Solutions L=LumaWatt S=Integrated Sensor	Occupancy Technology P=Passive Infrared	Sensing Technology D=Dimming Daylight Harvesting (Closed Loop)	Coverage Pattern 1= ~144 Square Feet ⁽⁴⁾

Control Type
WI=Wireless Integral ⁽²⁾
WT=Wireless Tile ⁽³⁾

Other sensor types not compatible ⁽¹⁾

NOTES: ⁽¹⁾ See luminaire specifications for available options. ⁽²⁾ Sensor is inside the fixture. ⁽³⁾ Sensor is outside the fixture, placed in an adjacent ceiling tile. ⁽⁴⁾ Refer to sensor coverage pattern diagram.

Specifications & dimensions subject to change without notice. Consult your Cooper Lighting Solutions Representative for availability and ordering information.

Metalux Industrial luminaires available with LumaWatt Pro powered by Enlighted

Metalux luminaires are available in multiple sizes and light output ranges, where shown. The Lumawatt Pro system is compatible with all sizes. Integrated sensor (LWR) systems are available for the series pictured above.

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Ordering Information for Industrials

Compatibility Details: Metalux LumaWatt Pro luminaires are compatible only with the LumaWatt Pro system and software, and require system components to be installed for operation.

Metalux luminaires with LumaWatt Pro are all:

- cULus 1598 Listed
- Damp Location Listed
- LM79/LM80 Compliant
- RoHS Compliant

Other ratings and compliance details are available series by series. See luminaire specification sheet for details.

Metalux luminaires use a standard catalog logic across multiple series. LumaWatt Pro-compatible fixtures are available with the options below. Options shown in gray are not compatible.

Steeler and HBLED EXAMPLE CATALOG LOGIC:

SSLED-LD1-18-M-UNV-L840-CD1-WHT-LWR-U

HBLED-LD5-24SE-N-UNV-L840-CD2-LWR-U

LWR

Options

LWR=LumaWatt Pro Wireless Ruggedized Sensor (IP65)

Other sensor options not compatible

NOTES: Specifications & dimensions subject to change without notice. Consult your Cooper Lighting Solutions Representative for availability and ordering information.



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