

Energy Management Solutions

Help organizations reduce energy costs and consumption by collecting and analyzing data, and implementing energy efficient solutions.





Cenit is an importer and distributor specializing in advanced lighting and hydration solutions. We cater to a broad spectrum of sectors, including commercial, infrastructure, industrial, residential, and public works applications throughout the Philippines.

Cenit distinguishes itself by offering comprehensive technical services. Our seasoned experts provide tailored technical consultations, conduct basic lighting calculations, and offer product installation assistance. We understand that the journey doesn't end with the purchase, which is why our dedicated team is also committed to providing ongoing maintenance service support.

As a customer-centric organization, Cenit places a premium on building lasting relationships. Our professional and responsive team is always ready to offer personalized solutions, ensuring a seamless experience for our valued clients.



Stand Alone Lighting Controls

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Ceiling Mounted 360° Sensor
Wall Switch Sensor
Wide View Sensor
Fixture Mount Sensor

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Ceiling Mounted 360° Sensor / Power Pack
Wide View Sensor / Power Pack

Network Lighting Systems

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Wireless Solutions

Our Brands



An Acuity Brands Company

SensorSwitch is a line of energy saving wired and wireless lighting controls designed to be easy to use and install, and to help save energy or whether retrofitting for new installations of lighting with controls or setting time sequence of operations for lighting or ventilation equipment.



nLight® is your network lighting controls system with wired or wireless options that is easy to specify, install, and use to control indoor and outdoor spaces seamlessly.

All solutions are suitable for offices, commercials, residentials, warehouses, productions and other industrial applications.

LINE VOLTAGE

A line voltage sensor provides one relay for a single-level control. These sensors are capable of covering an entire private office or small room by themselves.

Ceiling Mounted 360° Sensor CMR Series



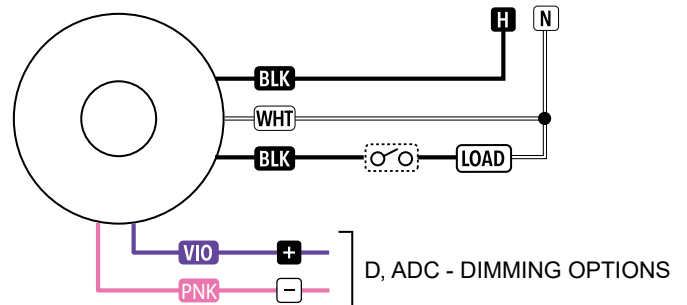
Utilize 100% passive infrared detection and is powered directly from line voltage without the need of a power pack. For added occupancy detection capabilities, passive dual technology (PDT) can be added as an option for applications where occupants are stationary for a long periods of time.

Programming CMR sensor setting can easily be achieved via push button or optional flash programming via the SensorSwitch VLP Mobile App. With either programming method, the user can change time delay.

Electrical output rating 1200W @220/230V



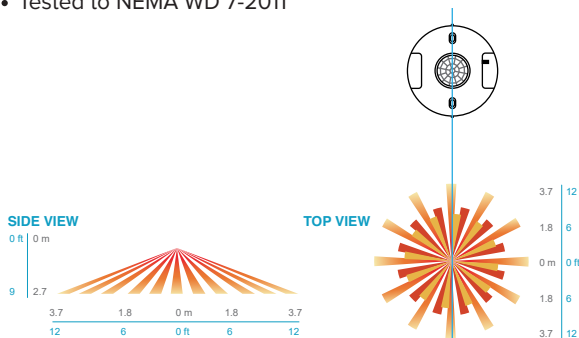
WIRING:



COVERAGE PATTERNS:

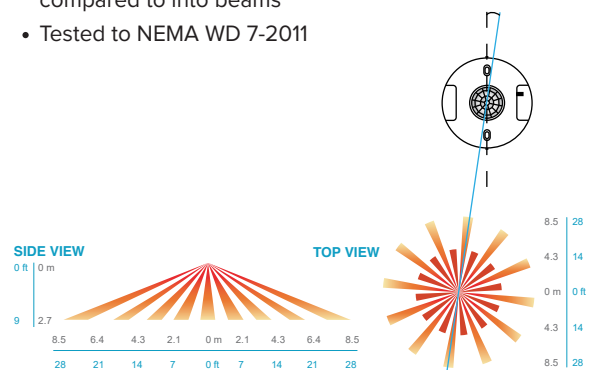
Small Motion 360° (Model# CM 9 / CM PDT 9)

- Best choice for small motion (e.g. hand movements) detection
- 360° conical shaped pattern
- Provides 12 ft (3.66 m) radial coverage (~500 ft²) when mounted to standard 9 ft (2.74 m) ceiling
- 8 to 15 ft (2.44 to 4.57 m) mounting heights provide 10 to 20 ft (3.05 to 6.10 m) radial coverage
- Lens assembly is marked with a gray ring around lens to differentiate versus the #10 lens
- Tested to NEMA WD 7-2011



Large Motion 360° (Model# CM 10 / CM PDT 10)

- Best choice for large motion detection (e.g. walking)
- 360° conical shaped pattern
- Provides ~24 ft (7.32 m) radial coverage (~2000 ft²) when mounted at 9 ft (2.74 m)
- 7 to 15 ft (2.13 to 4.57 m) mounting heights provide 16 to 36 ft (4.88 to 10.97 m) radial coverage
- Detection range improves when walking across beams compared to into beams
- Tested to NEMA WD 7-2011



Wall Switch Sensor WSXA Series



Wall switch occupancy sensors provide simple and cost effective solutions for commercial and residential lighting control applications.

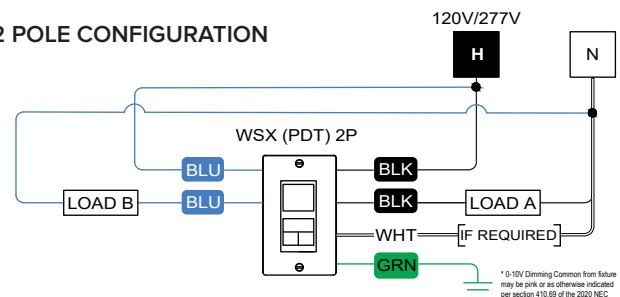
All WSXA Family sensors have a stylish low profile appearance, soft-click buttons, and provide small motion detection up to 20ft (6.10 m), passive dual technology (PDT) 2 poles, making them perfect for offices, restrooms or any other small enclosed space.

Electrical output rating 1200W @220/240V



WIRING:

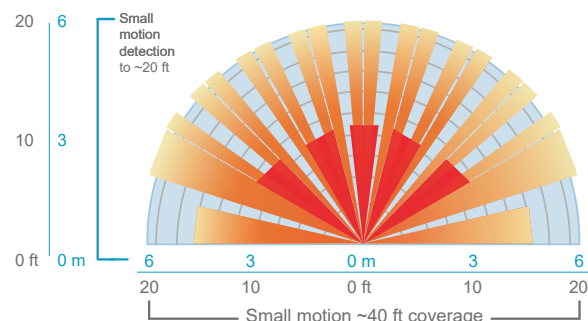
2 POLE CONFIGURATION



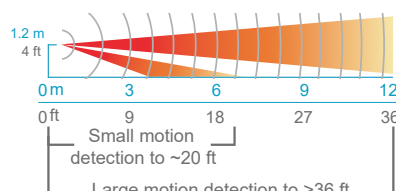
COVERAGE PATTERNS:

- Small motion (e.g. hand movements) detection up to 20 ft (6.10 m), ~625 ft²
- Large motion (e.g. walking) detection greater than 36 ft (10.97 m), ~2025 ft²
- Wall-to-wall PIR coverage
- Units with - PDT (Passive Dual Technology) option (also called Microphonics) provide overlapping detection of human activity over the complete PIR coverage area. Advanced filtering is utilized to prevent non-occupant noises from keeping the lights on.
- Tested to NEMA WD 7-2011

TOP VIEW



SIDE VIEW



LINE VOLTAGE

A line voltage sensor provides one relay for a single-level control. These sensors are capable of covering an entire private office or small room by themselves.

Wide View Sensor WVR Series



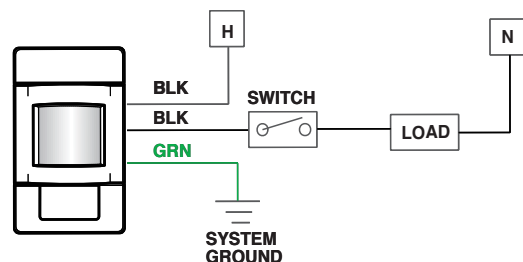
Sensor mounts in a corner, provides line of sight PIR detection of small movements up to 40 ft away as well as Microphonics™ for detection around obstructions.

Powered by and directly switch line voltage, therefore no power packs are needed. Additionally, these sensors do not require a neutral, making wiring directly off local switches with wiremold a convenient option.

Electrical output rating 2800W @220V



WIRING:

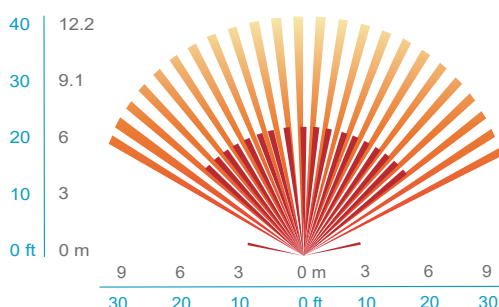


COVERAGE PATTERNS:

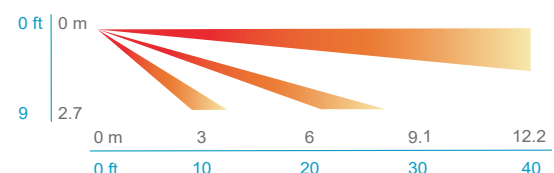
Wide View Lens

- Small motion (e.g. hand movements) detection up to 40 ft (12.19 m).
- Large motion (e.g. walking) detection up to 70 ft (21.34 m).
- Designed for 8 to 10 ft (2.44 to 3.05 m) high mounting in room corner.
- Microphonics™ provides overlapping detection of human activity over the complete PIR coverage area. Advanced filtering is also utilized to prevent non-occupant noises from keeping the lights on.

TOP VIEW



SIDE VIEW



Fixture Mount Sensor SBOR Series



Series outdoor rated motion sensor utilizes Passive Infrared (PIR) detection technology into a line voltage motion sensor.

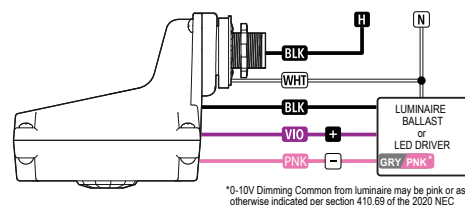
Designed to mount directly through a 1/2" knockout (7/8" hole) in a light fixture or pole, the SBOR utilizes 100% digital passive infrared (PIR) technology that is tuned for walking size motion while preventing false tripping from the environment.

Electrical output rating 1200W @220/240V



WIRING:

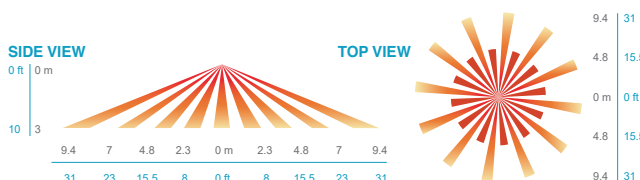
SINGLE PHASE POWER (120/277/347 VAC)



COVERAGE PATTERNS:

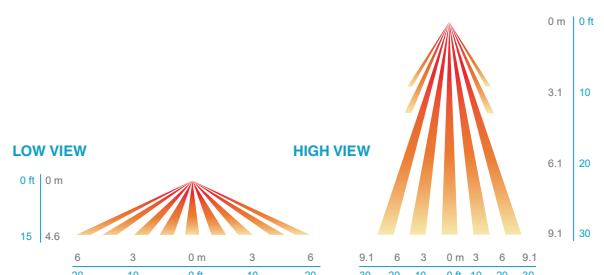
Low Mount Lens Option (SBOR 10)

SBOR 10 is recommended for 8-15 ft (2.44-4.57 m) mounting and provides a coverage area radius for walking motion of greater than 2x the mounting height. Ideal for parking garage and low pole mount applications. When mounted 10ft high, for example, on a luminaire in a parking garage, the sensor's coverage for walking motion extends out 30 ft in a 360° pattern. This closely matches the lighting distribution of a typical parking garage luminaire.



High Mount Lens Option (SBOR 6)

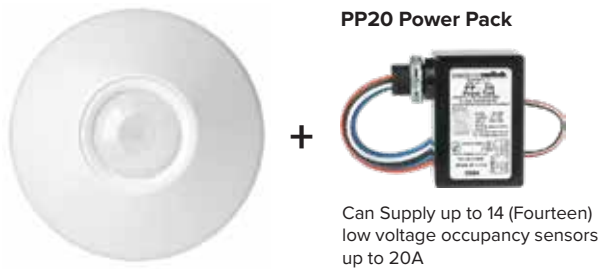
The SBOR 6 is intended for higher pole mount applications, between 15-30 ft (4.57-9.14 m), and provides a coverage area radius for walking motion of 15-20 ft (4.57-6.10 m). When mounted to a pole the sensor provides 270° of coverage (90° is blocked by the pole). Higher mounting (e.g. 40 ft or 12.20 m) may result in shorter detection range.



LOW VOLTAGE

A low voltage sensors can work together to supply the ideal solution for oddly shaped rooms or large open office areas. Can be powered by either a power pack or a low-voltage sensor power supply.

Ceiling Mounted 360° Sensor CMR Series

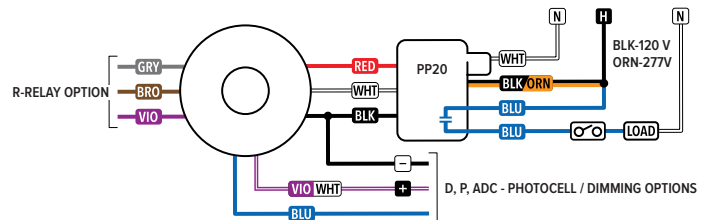


CMR occupancy sensors for applications with finished ceilings (e.g. ceiling tiles, sheet-rock, or plaster) for residential, commercial & offices.

Power Packs are the heart of the low voltage sensor system. The PP20 transforms 120, 240 or 277 volts to Class II 15 VDC to power the remote sensors. Utilizing our patented relay circuit protection, the PP20 also switches the lighting load on and off. This method has been tested to over 400,000 cycles at rated load!



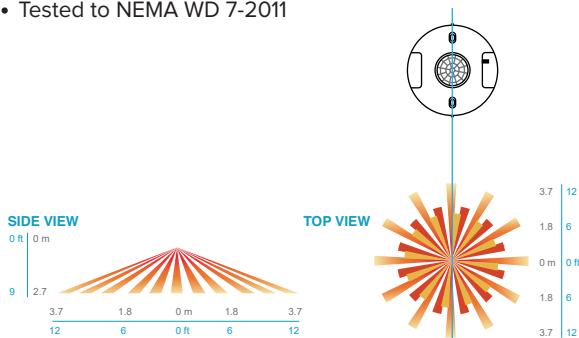
WIRING:



COVERAGE PATTERNS:

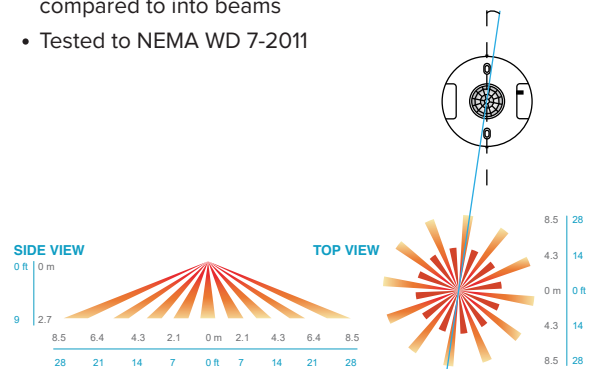
Small Motion 360° (Model# CM 9 / CM PDT 9)

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- Lens assembly is marked with a gray ring around lens to differentiate versus the #10 lens
- Tested to NEMA WD 7-2011

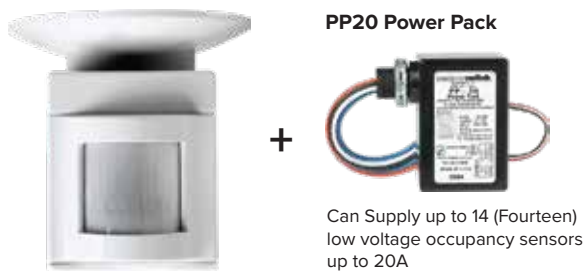


Large Motion 360° (Model# CM 10 / CM PDT 10)

- Best choice for large motion detection (e.g. walking)
- 360° conical shaped pattern
- Provides ~24 ft (7.32 m) radial coverage (~2000 ft²) when mounted at 9 ft (2.74 m)
- 7 to 15 ft (2.13 to 4.57 m) mounting heights provide 16 to 36 ft (4.88 to 10.97 m) radial coverage
- Detection range improves when walking across beams compared to into beams
- Tested to NEMA WD 7-2011



Wide View Sensor WV Series

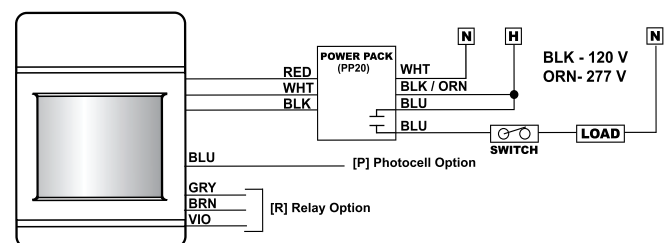


The WV 16 Series Wide View occupancy sensor is designed to mount in a corner. The enclosure's convenient tilting feature enables the sensor to be mounted at any height from 8 to 10 ft (2.44 to 3.05 m).

Power Packs are the heart of the low voltage sensor system. The PP20 transforms 120, 240 or 277 volts to Class II 15 VDC to power the remote sensors. Utilizing our patented relay circuit protection, the PP20 also switches the lighting load on and off. This method has been tested to over 400,000 cycles at rated load!



WIRING:

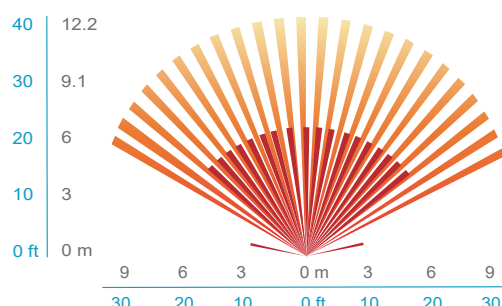


COVERAGE PATTERNS:

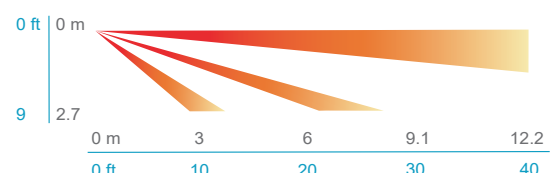
Wide View Lens

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- Large motion (e.g. walking) detection up to 70 ft (21.34 m).
- Designed for 8 to 10 ft (2.44 to 3.05 m) high mounting in room corner.

TOP VIEW



SIDE VIEW



WIRED

NETWORK LIGHTING SYSTEM SOLUTIONS

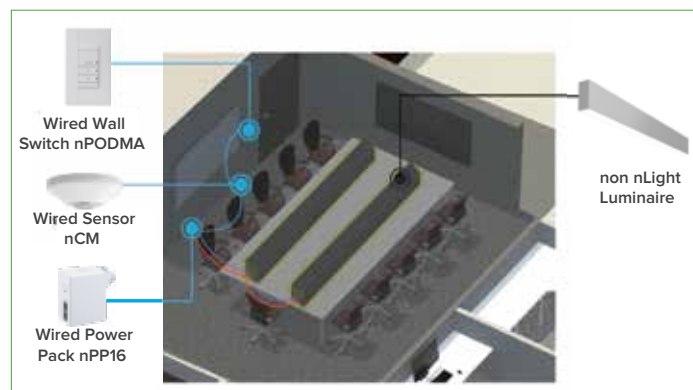
nLight Wired is a CAT 5e, low voltage-based solution that works by establishing a proprietary digital communication network between connected devices.



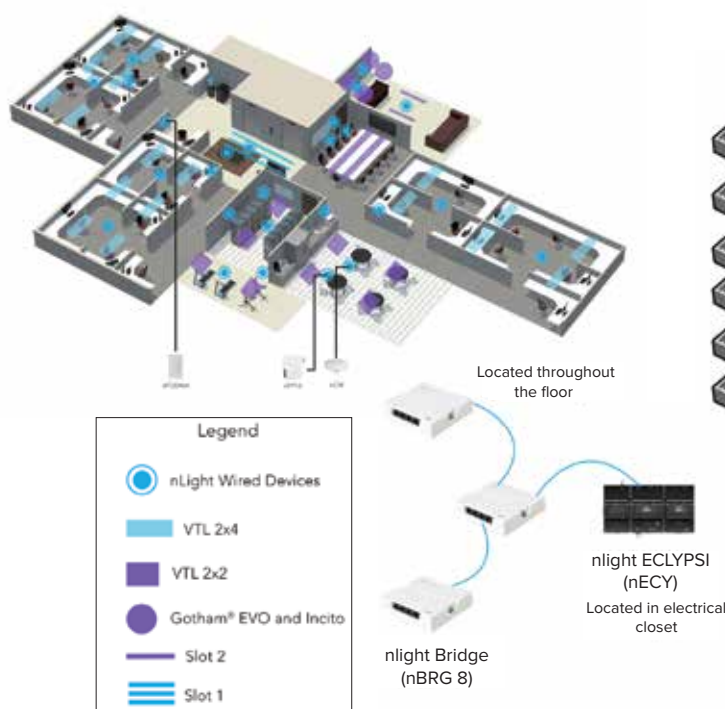
nLight wired for new installation



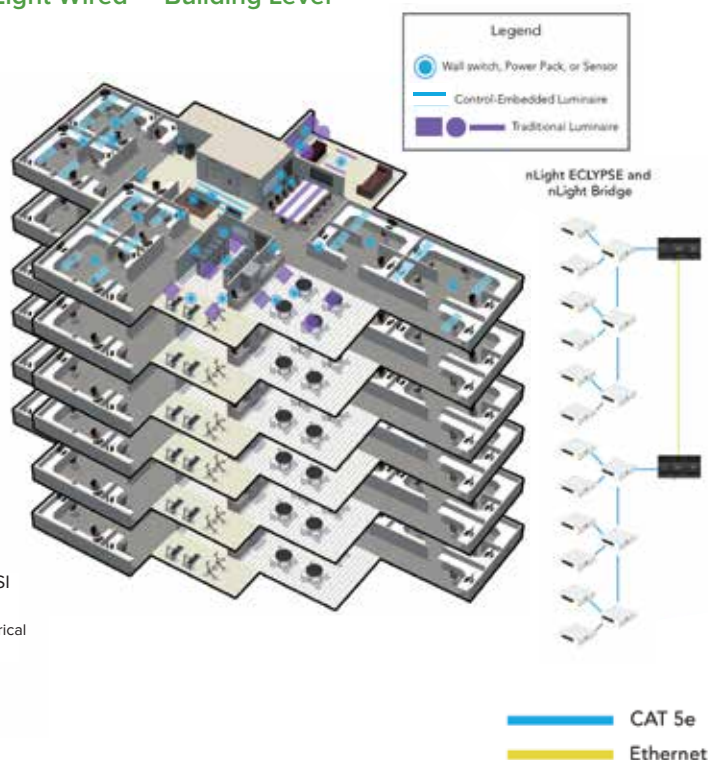
nLight wired for retrofit installation



nLight Wired — Floor Level



nLight Wired — Building Level



SensorView

Advanced Lighting Configuration

Browser-based application that gives authorized users the ability to remotely configure and monitor both wired and wireless networked luminaires and controlled devices. It provides a simple and quick setup tool for creating custom configuration profiles that can either be scheduled or run on demand. SensorView also assists with system configuration by indicating and reporting on sensor and controller settings and displaying live device status.

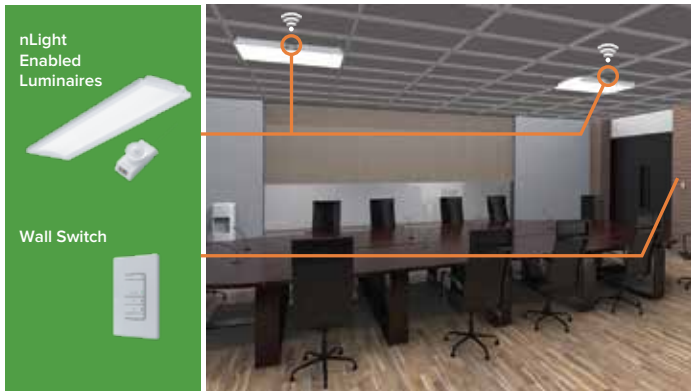
WIRELESS

NETWORK LIGHTING SYSTEM SOLUTIONS

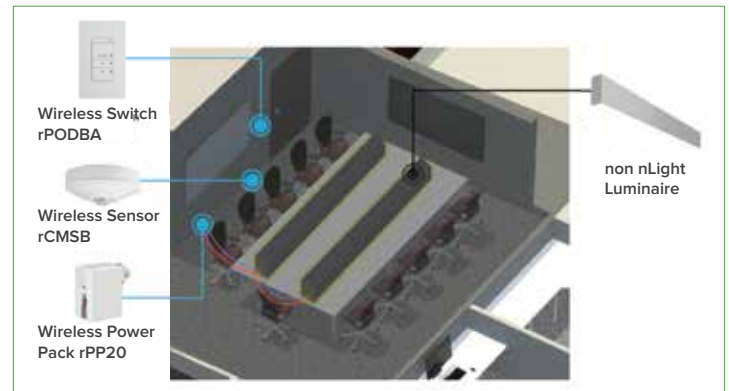
nLight AIR is a simplified wireless lighting control solution that eliminates the need to run wires, resulting in an overall lower cost of install



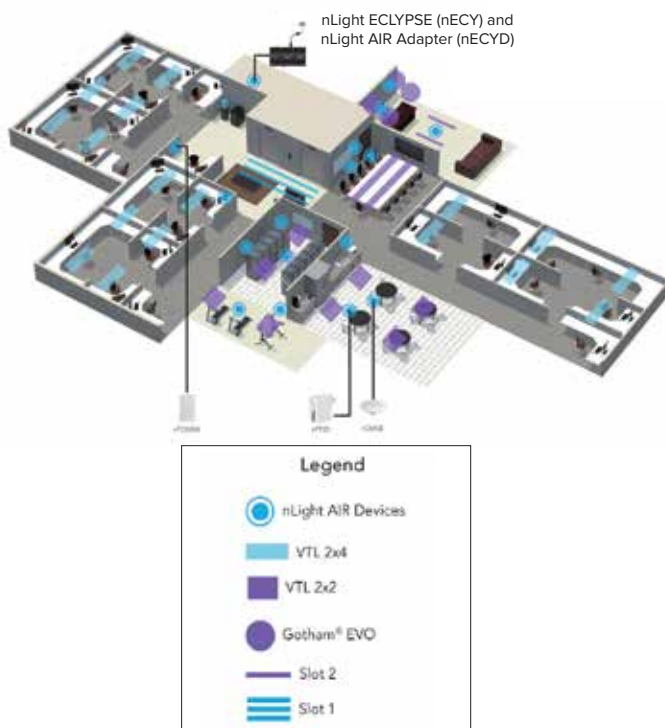
nLight AIR for new installation



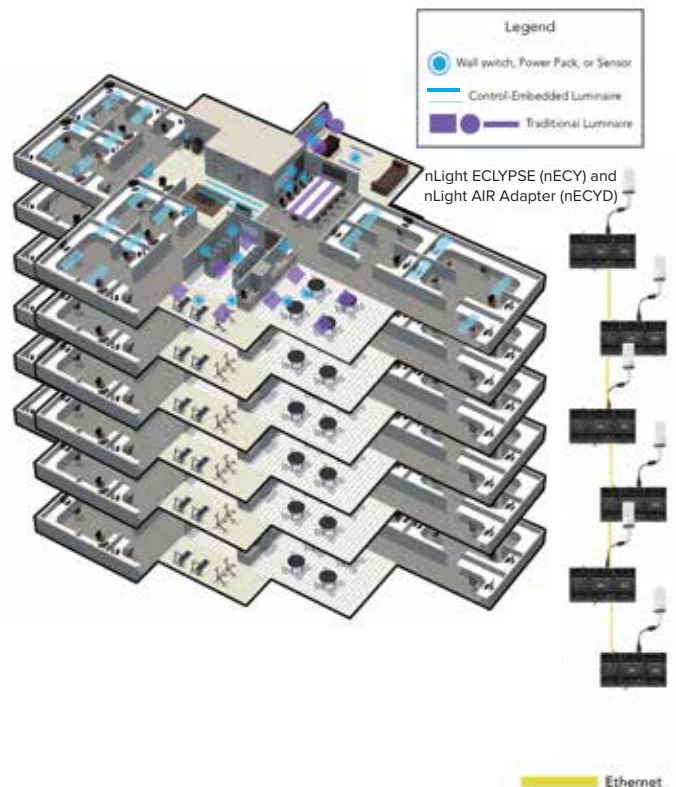
nLight AIR for retrofit installation



nLight Wired — Floor Level



nLight Wired — Building Level



SensorView

Advanced Lighting Configuration

Browser-based application that gives authorized users the ability to remotely configure and monitor both wired and wireless networked luminaires and controlled devices. It provides a simple and quick setup tool for creating custom configuration profiles that can either be scheduled or run on demand. SensorView also assists with system configuration by indicating and reporting on sensor and controller settings and displaying live device status.

APPLICATIONS



Commercial



High Rise Residential



Factories



Warehouses



Offices

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