Cenit
Better Ways of Living

Smarter Energy, Greater Savings

Energy Management Solutions

We help organizations reduce energy consumption and operating expenses by providing advanced lighting controls, smart monitoring, and energy-efficient solutions designed for long-term value.

PD 1096
THE NATIONAL
BUILDING CODE

Cenit

Better Ways of Living

Cenit is a trusted importer and distributor of advanced lighting and hydration solutions, serving commercial, infrastructure, industrial and residential projects across the Philippines.

What sets us apart is our commitment to end-to-end service. From technical consultation and lighting calculations to installation support and after-sales maintenance, we deliver reliable solutions that maximize efficiency and long-term value.

As a customer-focused organization, Cenit builds lasting partnerships by providing personalized, innovative, and energy-efficient solutions tailored to every project.

Our Brands

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.

Stand Alone Lighting Controls

Line Voltage

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

Low Voltage

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

Network Lighting Systems

Wired Solutions
Wireless Solutions

Why Energy Management Matters

Lower Costs
Reduce electricity bills
by up to 30%

Sustainability
Support green building
compliance (PD 1096)

Boost Efficiency
Eliminate wasted energy
with smart controls

Easy to Use
Simple installation, scalable
for any space

Reliable Partner
End-to-end service
from Cenit experts

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

WHY CHOOSE THIS SENSOR:

✓ Detects small motions with 100% passive infrared technology

✓ No power pack required – powered directly from line voltage

✓ Optional Passive Dual Technology (PDT) for stationary occupants

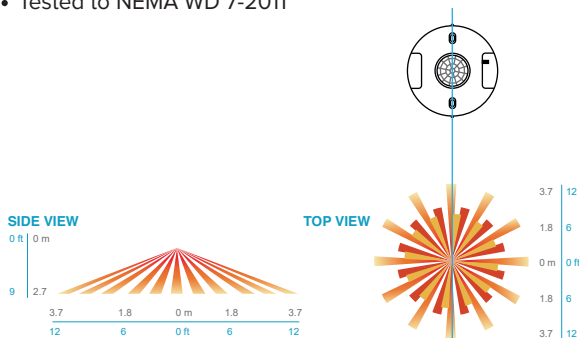✓ Easy setup via push button or SensorSwitch VLP Mobile App

Best For: Offices, classrooms, small to medium enclosed spaces

Specs: 1200W @ 220/230V

WIRING:

H   N

BLK

WHT

BLK — LOAD

VIO   +
PNK   −
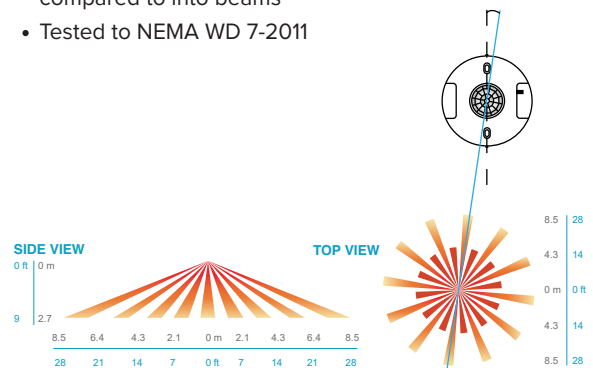
D, ADC - DIMMING OPTIONS

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
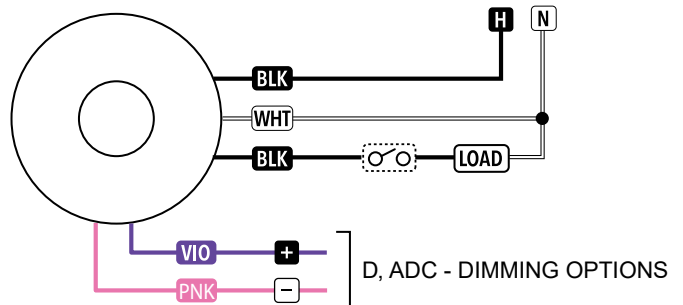• Tested to NEMA WD 7-2011

SIDE VIEW
0 ft | 0 m

9 | 2.7
3.7 | 1.8 | 0 m | 1.8 | 3.7
12 | 6 | 0 ft | 6 | 12

TOP VIEW

3.7 | 12
1.8 | 6
0 m | 0 ft
1.8 | 6
3.7 | 12

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

SIDE VIEW
0 ft | 0 m

9 | 2.7
8.5 | 6.4 | 4.3 | 2.1 | 0 m | 2.1 | 4.3 | 6.4 | 8.5
28 | 21 | 14 | 7 | 0 ft | 7 | 14 | 21 | 28

TOP VIEW

8.5 | 28
4.3 | 14
0 m | 0 ft
4.3 | 14
8.5 | 28

Wall Switch Sensor
WSXA Series

WHY CHOOSE THIS SENSOR:

✔ Cost-effective lighting control for offices and residential areas

✔ Sleek, low-profile design with soft-click buttons

✔ Detects small motions up to 20 ft (6.1 m)

✔ PDT with 2 poles ensures accurate detection

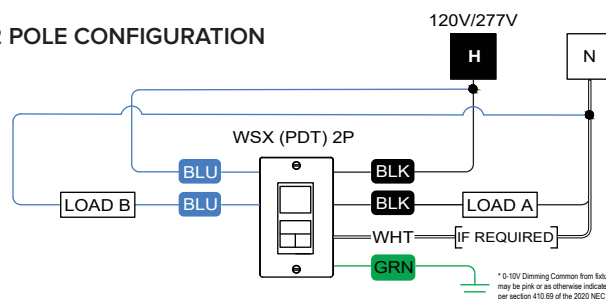Best For: Restrooms, offices, enclosed rooms
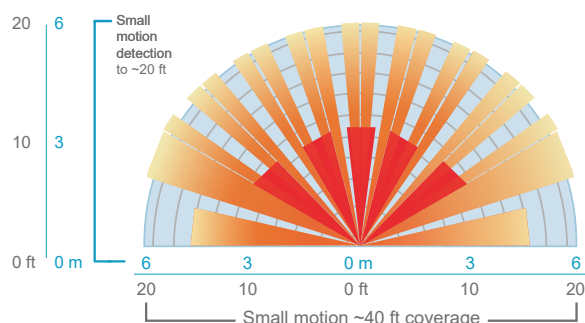
Specs: 1200W @ 220/230V

WIRING:

2 POLE CONFIGURATION

120V/277V

H   N

WSX (PDT) 2P

BLU   BLK

LOAD B   BLU   BLK   LOAD A

WHT   [IF REQUIRED]

GRN

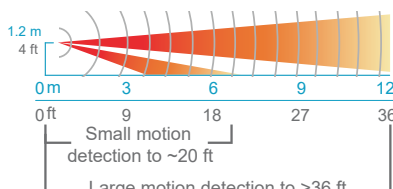* 0-10V Dimming Common from fixture may be pink or as otherwise indicated per section 410.69 of the 2020 NEC

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

Small motion detection to ~20 ft

Small motion ~40 ft coverage

SIDE VIEW

Small motion detection to ~20 ft

Large motion detection to >36 ft

4

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.

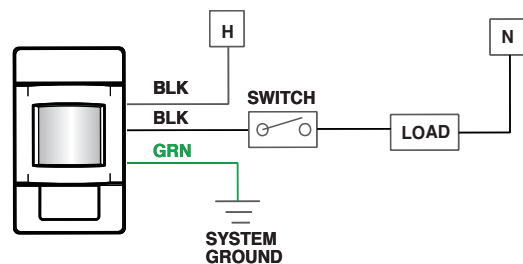## Wide View Sensor
WVR Series

WHY CHOOSE THIS SENSOR:

✓ Extended coverage – detects motion up to 40 ft (12.2 m)

✓ Microphonics technology detects around obstructions

✓ No neutral or power pack required simplified wiring

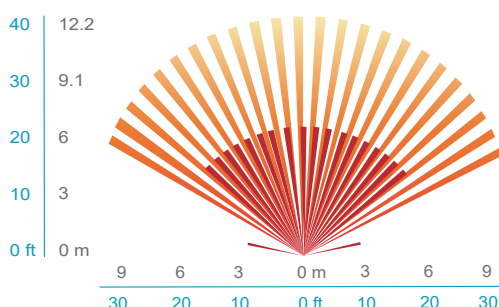Best For: Hallways, open-plan offices warehouses

Specs: 2800W @ 220V

WIRING:

H

N

BLK

BLK
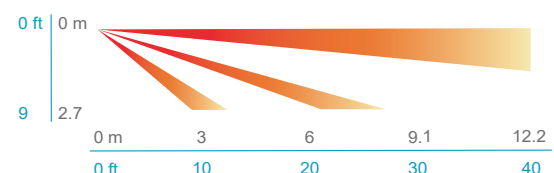
SWITCH

LOAD

GRN

SYSTEM GROUND

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

40	12.2
30	9.1
20	6
10	3
0 ft	0 m

| 9 | 6 | 3 | 0 m | 3 | 6 | 9 |
| 30 | 20 | 10 | 0 ft | 10 | 20 | 30 |

SIDE VIEW

| 0 ft | 0 m |
| 9 | 2.7 |

| 0 m | 3 | 6 | 9.1 | 12.2 |
| 0 ft | 10 | 20 | 30 | 40 |

Fixture Mount Sensor
SBOR Series

WHY CHOOSE THIS SENSOR:

✔ Outdoor-rated PIR motion detection

✔ Optimized for walking-size motion to reduce false triggers

✔ Mounts directly through ½" knockout in fixtures or poles

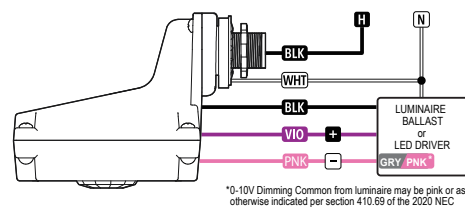Best For: Parking garages, outdoor walkways building perimeters
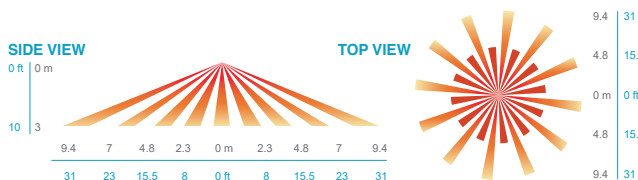
Specs: 1200W @ 220/240V

WIRING:

SINGLE PHASE POWER (120/277/347 VAC)

H   N

BLK
WHT
BLK   LUMINAIRE
VIO   +   BALLAST
                          or
PNK   −   LED DRIVER
                      GRY PNK*

*0-10V Dimming Common from luminaire may be pink or as otherwise indicated per section 410.69 of the 2020 NEC
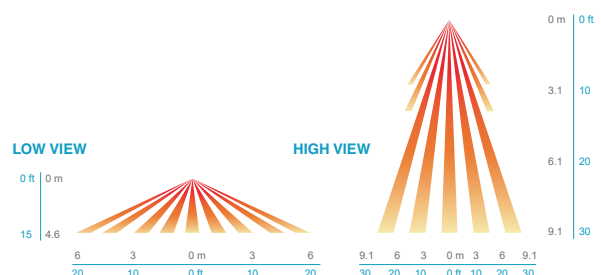
COVERAGE PATTERNS:

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.
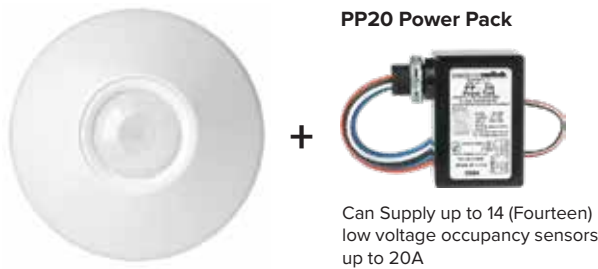
High Mount Lens Option (SBOR 6)

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.

SIDE VIEW
0 ft | 0 m

10 | 3

9.4   7   4.8   2.3   0 m   2.3   4.8   7   9.4
31   23   15.5   8   0 ft   8   15.5   23   31

TOP VIEW
9.4 | 31
4.8 | 15.5
0 m | 0 ft
4.8 | 15.5
9.4 | 31

LOW VIEW
0 ft | 0 m

15 | 4.6

6   3   0 m   3   6
20   10   0 ft   10   20

HIGH VIEW
0 m | 0 ft
3.1 | 10
6.1 | 20
9.1 | 30

9.1   6   3   0 m   3   6   9.1
30   20   10   0 ft   10   20   30

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 360º Sensor
CMR Series

PP20 Power Pack

+

Can Supply up to 14 (Fourteen) low voltage occupancy sensors up to 20A
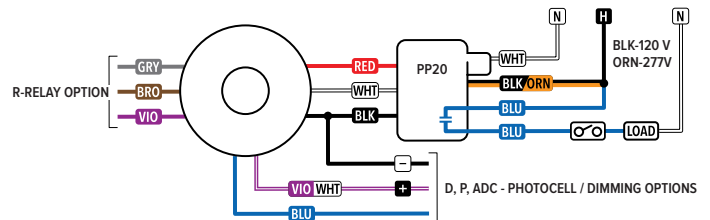
WHY CHOOSE THIS SENSOR:

✔ Designed for finished ceilings in offices residential, and commercial spaces

✔ Works with PP20 Power Pack for reliable performance

✔ Tested to withstand over 400,000 cycles at rated load

Best For: Offices, commercial facilities residential units
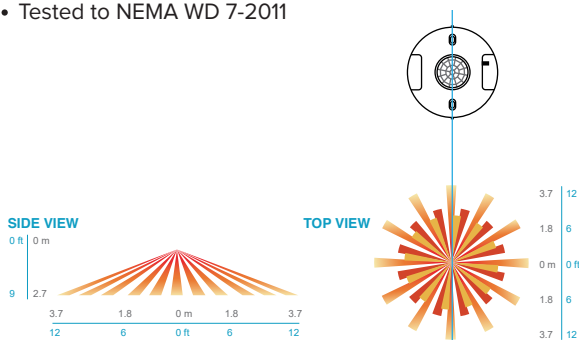
Specs: Powered by PP20 Power Pack

WIRING:

R-RELAY OPTION

GRY · BRO · VIO · RED · WHT · BLK · PP20 · WHT · BLK/ORN · BLU · BLU · N · H · N · BLK-120 V ORN-277V · LOAD

VIO · WHT · + · − · BLU · D, P, ADC - PHOTOCELL / DIMMING OPTIONS
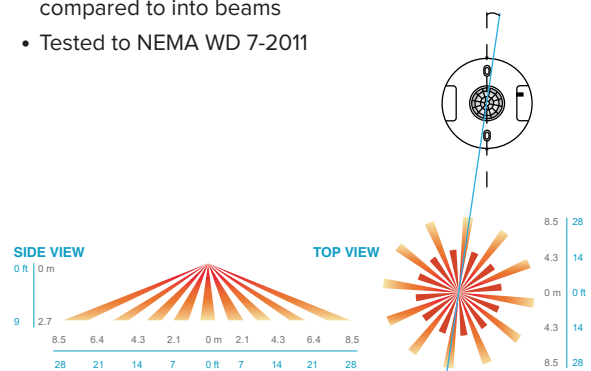
COVERAGE PATTERNS:

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

- Best choice for small motion (e.g. hand movements) detection
- 360º 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

SIDE VIEW
0 ft | 0 m
9 | 2.7
3.7 | 1.8 | 0 m | 1.8 | 3.7
12 | 6 | 0 ft | 6 | 12

TOP VIEW
3.7 | 12
1.8 | 6
0 m | 0 ft
1.8 | 6
3.7 | 12

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

- Best choice for large motion detection (e.g. walking)
- 360º 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

SIDE VIEW
0 ft | 0 m
9 | 2.7
8.5 | 6.4 | 4.3 | 2.1 | 0 m | 2.1 | 4.3 | 6.4 | 8.5
28 | 21 | 14 | 7 | 0 ft | 7 | 14 | 21 | 28

TOP VIEW
8.5 | 28
4.3 | 14
0 m | 0 ft
4.3 | 14
8.5 | 28

Wide View Sensor
WV Series

PP20 Power Pack

+

Can Supply up to 14 (Fourteen) low voltage occupancy sensors up to 20A
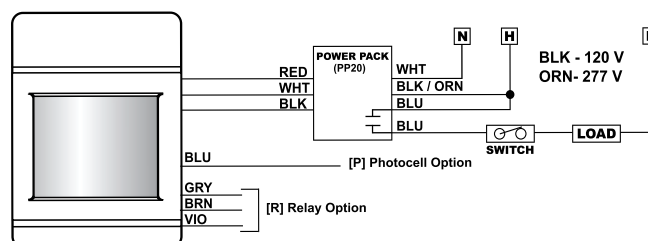

WHY CHOOSE THIS SENSOR:

✔ Corner-mounted design with tilt adjustment for flexibility

✔ Ideal for 8–10 ft mounting heights

✔ Works seamlessly with PP20 Power Pack

✔ Durable and reliable with over 400,000 test cycles

Best For: Classrooms, open-plan offices multipurpose spaces

Specs: Powered by PP20 Power Pack

WIRING:

POWER PACK (PP20)

RED
WHT
BLK

WHT
BLK / ORN
BLU
BLU

N   H   N

BLK - 120 V
ORN- 277 V

SWITCH   LOAD

BLU — [P] Photocell Option
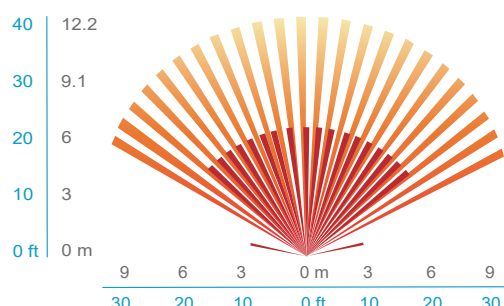
GRY
BRN
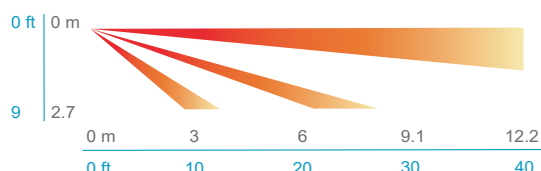VIO   [R] Relay Option

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.

TOP VIEW

40	12.2
30	9.1
20	6
10	3
0 ft	0 m

9   6   3   0 m   3   6   9
30   20   10   0 ft   10   20   30

SIDE VIEW

0 ft | 0 m

9 | 2.7

0 m   3   6   9.1   12.2
0 ft   10   20   30   40
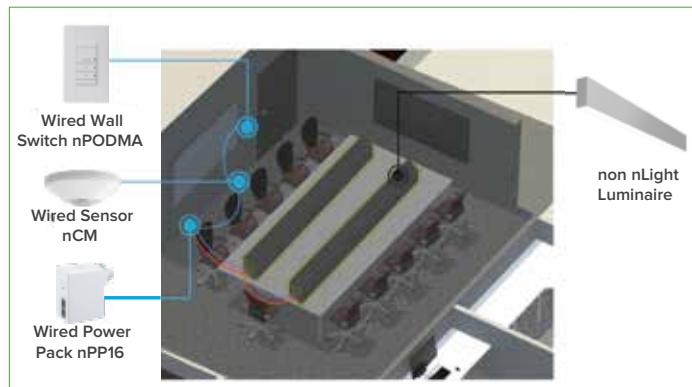
WIRED

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.
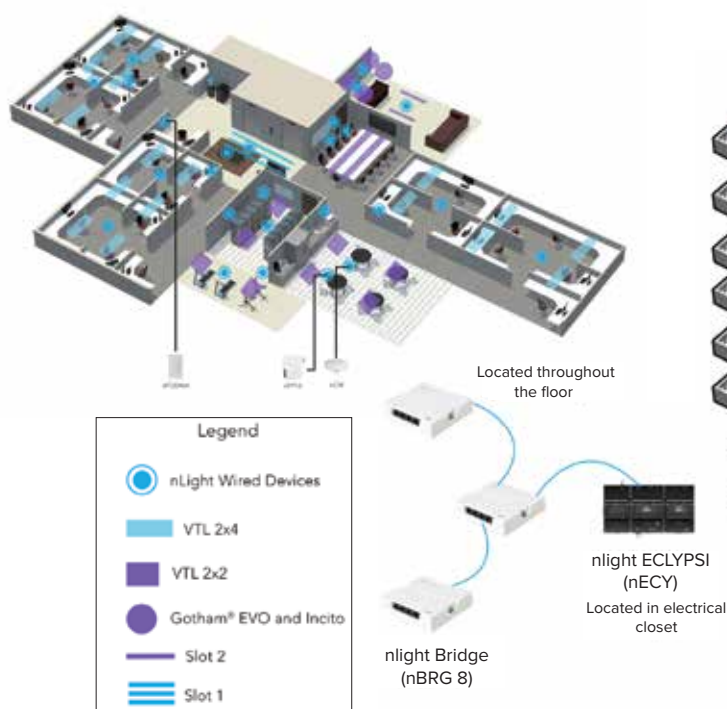
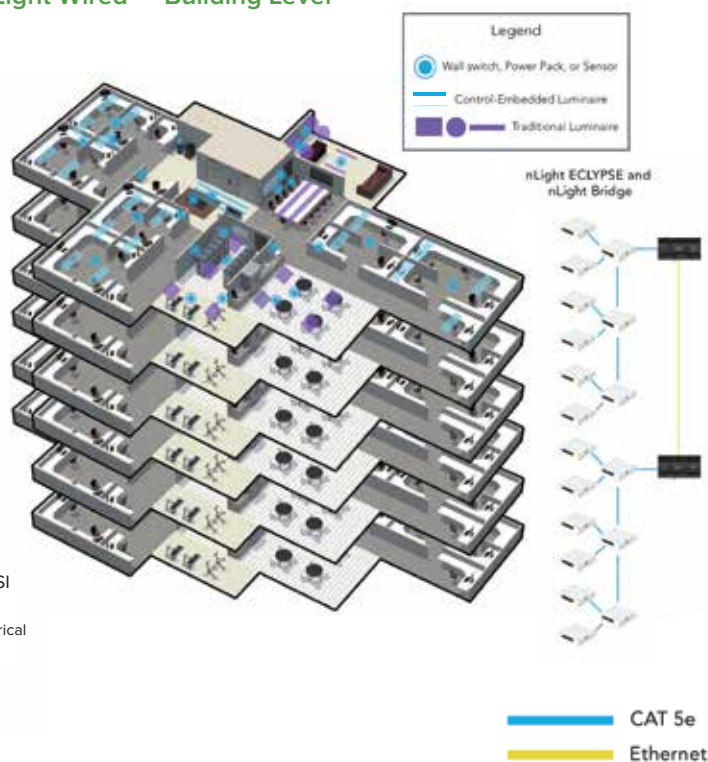### nLight wired for new installation

Power Pack

Sensor

nLight Enabled Luminaires

Wall Switch

CAT 5e Cable

nLight wired for retrofit installation

Wired Wall Switch nPODMA

Wired Sensor nCM

Wired Power Pack nPP16

non nLight Luminaire

nLight Wired — Floor Level

Legend

nLight Wired Devices

VTL 2x4

VTL 2x2

Gotham® EVO and Incito

Slot 2

Slot 1

Located throughout the floor

nlight Bridge (nBRG 8)

nlight ECLYPSI (nECY)
Located in electrical closet

nLight Wired — Building Level

Legend

Wall switch, Power Pack, or Sensor

Control-Embedded Luminaire

Traditional Luminaire

nLight ECLYPSE and nLight Bridge

CAT 5e

Ethernet

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.
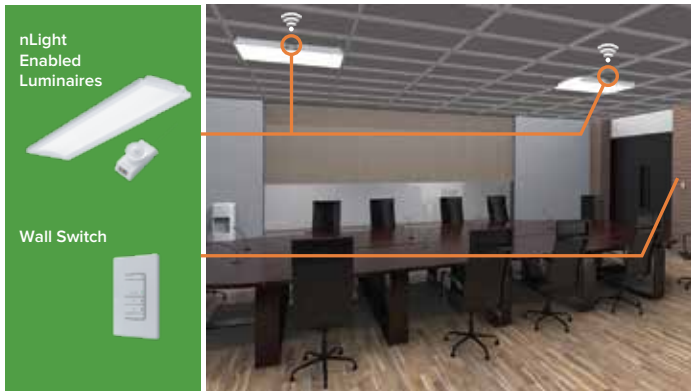
WIRELESS
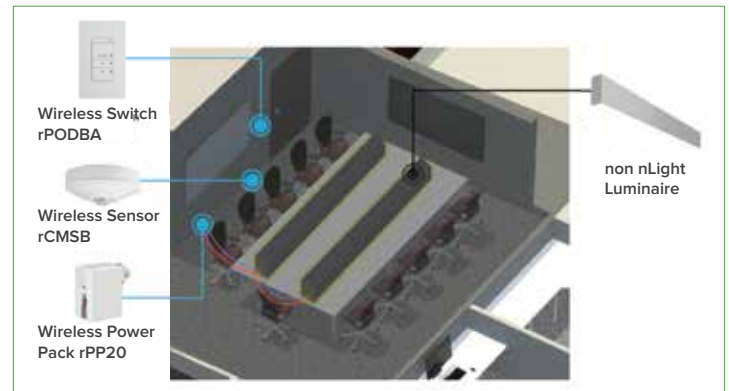## NETWORK LIGHTING SYSTEM SOLUTIONS

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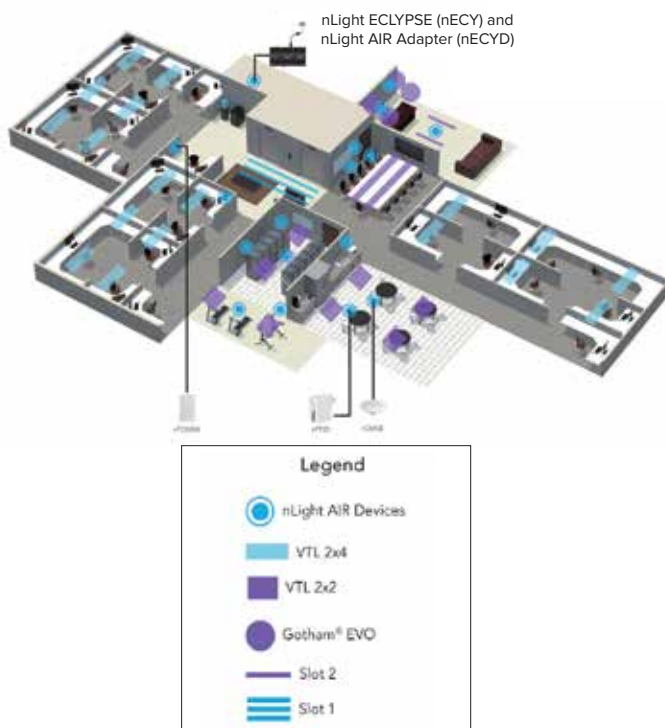

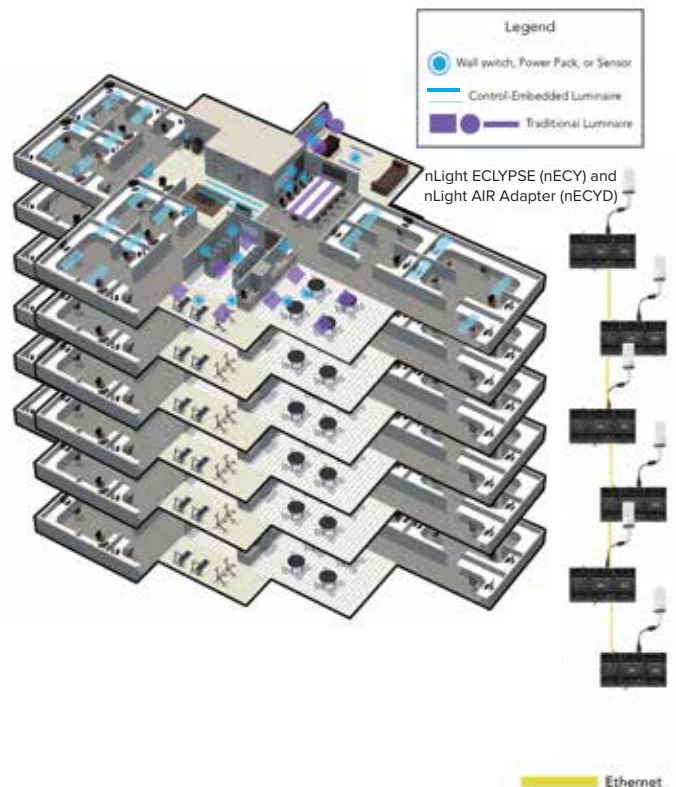### nLight AIR for new installation

nLight Enabled Luminaires

Wall Switch

nLight AIR for retrofit installation

Wireless Switch rPODBA

Wireless Sensor rCMSB

Wireless Power Pack rPP20

non nLight Luminaire

nLight Wired — Floor Level

nLight ECLYPSE (nECY) and nLight AIR Adapter (nECYD)

Legend
- nLight AIR Devices
- VTL 2x4
- VTL 2x2
- Gotham® EVO
- Slot 2
- Slot 1

nLight Wired — Building Level

Legend
- Wall switch, Power Pack, or Sensor
- Control-Embedded Luminaire
- Traditional Luminaire

nLight ECLYPSE (nECY) and nLight AIR Adapter (nECYD)

Ethernet

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.
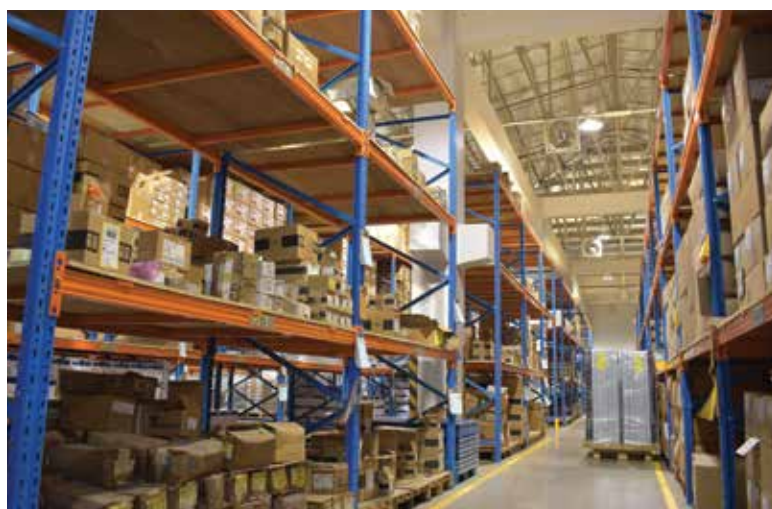
APPLICATIONS

Commercial

High Rise Residential

Factories

Warehouses

Offices