

Long-Term Care Solutions

Human-centered for better care experiences.





Lighting for better long-term care experiences. Technology for a brighter future.

Planning long-term care spaces means blending the art and science of design, balancing aesthetic and sensory needs, while staying on budget and code compliant with long-term care and building codes.

Satisfying both residents and the bottom line requires unlocking the transformative capabilities and insights of a smart spaces platform. We can help you navigate complex challenges with confidence – both today and tomorrow.



It's time to think about

long-term care in a whole new light.



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In step with the **challenges** facing long-term care

Cooper Lighting Solutions understands the complex needs of your industry.



Resident health and well-being

The quality of care varies greatly from one long-term care facility to another. Our most vulnerable citizens don't always get the level of care they deserve.

- · Lack of clearly defined outcomes and benchmarks
- Poor sharing of best practices
- · Gaps in Medicaid safety net not yet addressed



Financing the cost of care

As the number of seniors increases and the number of younger adults decreases, the resulting tax shift will require new strategies for financing long-term care.

- Increased pressure on Medicaid
- · Debate between what government covers vs. individual responsibility



The aging population

Our population is aging and the number of additional people expected to need long-term care is considerable.

- 70% of people over 65 are expected to require some type of long-term care in their lifetimes (https://acl.gov/ltc/basic-needs/how-much-care-will-you-need)
- Longer life expectancies, smaller family sizes, and higher rates of divorce reduce the amount of informal care available from family and friends



Staffing shortages in the healthcare workforce

The demand for qualified, trained, long-term care professionals is expected to exceed the supply. Severe shortages of 30% or more are expected.

- Traditionally lower pay than acute healthcare facilities is part of the problem
- Job satisfaction and employee retention are low due to low pay, stressful conditions, lack of benefits, minimal job security, etc.



Ahead of tomorrow's trends

Even before the disruption of the pandemic, facilities were facing a changing world that included an aging population and more privately insured residents.



Focus on resident-centered care

To optimize resident experiences and gain a competitive edge, providers increasingly focus on facility comfort, hospitality, and holistic resident care.



Growing number of adults aged 65+

The elderly will make up an increasingly larger share of the population, which adds pressure to long-term care facilities.



Increased IoT spend

As facilities look to eliminate bottlenecks, losses, and inefficiencies while optimizing sanitation procedures, CAGR spending is projected to grow 20% by 2025.



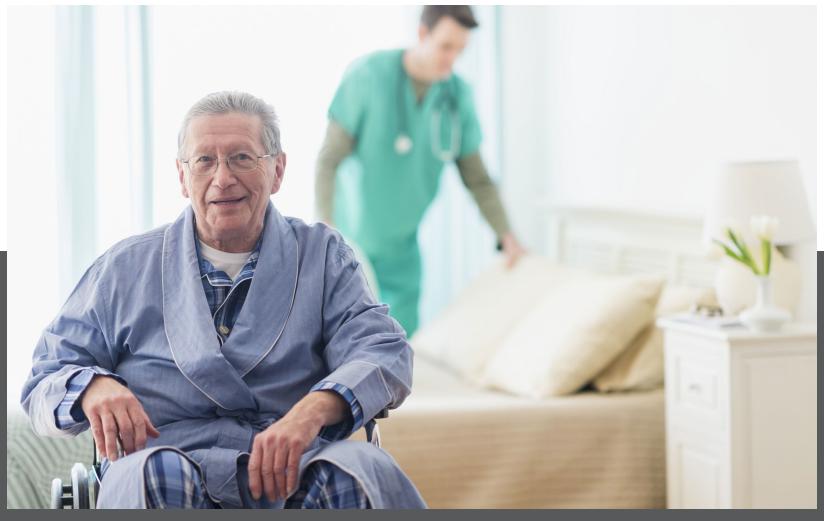




Beyond Lighting: solutions to meet the moment

Lighting plays an outsized role in resident satisfaction, staff productivity, and overall well-being. From security to infection control and process improvement, our connected lighting solutions promote smarter, healthier facilities in every sense.

HOSPITABLE | HYGIENIC | HOLISTIC





Multi-tasking connected lighting solutions for a healthier well-being.



Create welcoming environments from the parking lot to the resident room.

- · Color Tuning: VividTune
- · Healthcare Lighting: ArcMed
- Augmented Reality: Light ARchitect

Hygienic

Discover new ways to protect residents and occupants.

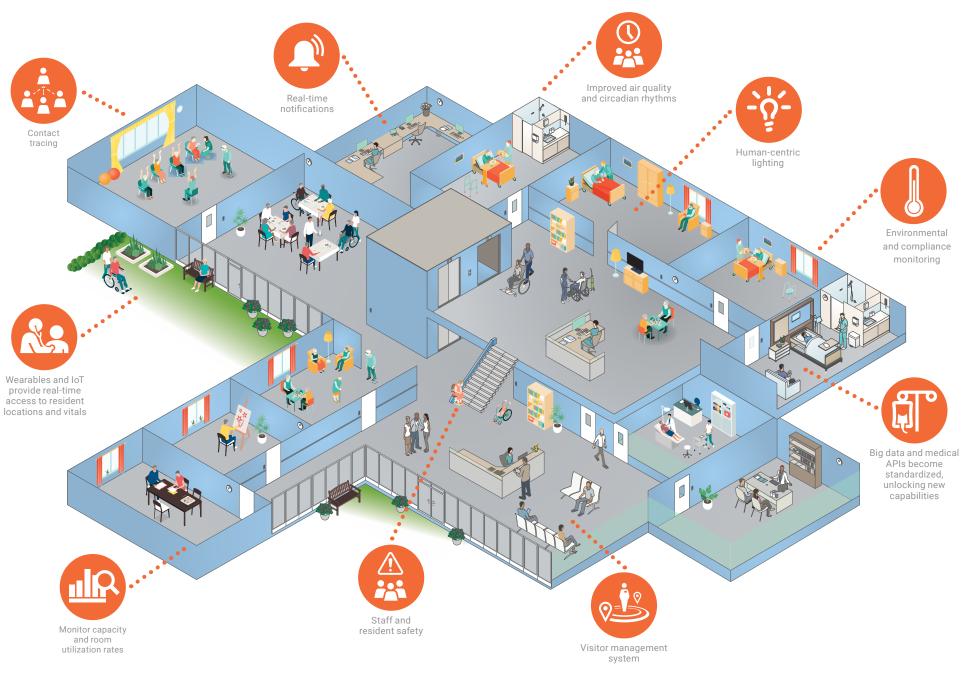
- UV-C Upper Air and Surface Sanitation Solutions: Fail-Safe and Neo-Ray
- Contact Tracing: WaveLinx Locate app
- Connected System: WaveLinx

Holistic

Springboard improvements to processes and workflows.

- Smart Spaces Platform: WaveLinx
- · Color Tuning: VividTune
- Real-Time Location System: WaveLinx Locate

Today's connected long-term care facilities





Cooper Lighting Solutions offers
state-of-the-art technology
to meet the needs of long-term care
facilities today and tomorrow

ArcMED lighting

Architectural Lighting for the modern healthcare facility

The ArcMED product portfolio by Fail-Safe combines the architectural aesthetics desired in modern long-term care facilities.

These products provide high performance, and a simple, clean, and elegant appearance that enhances the visual experience of residents in a facility, making it the preferred lighting choice for long-term care spaces.

Fail-Safe: your complete performance family of luminaires

Our luminaires, with industry ratings and certifications, meet the most stringent application requirements.







color temperature

warm adjust temperature cool

Change the color temperature of the space throughout the day to align more closely with residents' circadian rhythms, from cooler light in the morning and afternoon to warmer light in the evening.





light intensity

dim adjust intensity bright

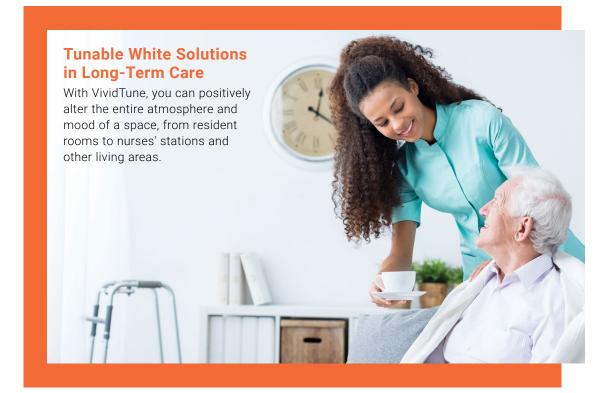
Control the intensity of lighting to suit residents' comfort levels and staffs' tasks at hand.

Color Tuning solutions

Discover the Power of Preference

Lighting affects mood and alertness, and can even promote healing and well-being. Easy to install and even easier to use, VividTune allows residents and staff to easily adjust color temperature and intensity according to the mood, scenario, or task at hand. VividTune is easy to install, too.

VividTune uses a simple two-channel system, where one channel adjusts the color temperature from warm to cool, and the other controls the intensity of the light. Facilities can choose from a range of control solutions, from a simple 0-10V slide dimmer to more advanced connected lighting capabilities with WaveLinx.





Upper Air & SurfaceUV-C sanitation

Quick, Continuous, Occupant-Safe Sanitation

UV-C upper air technology is safe to use in occupied spaces and runs continuously, quietly, and independently from your HVAC system. It's tested and proven to inactivate harmful pathogens in seconds, and is even CDC-recommended as part of a layered strategy to reduce SARS-CoV-2 transmission in certain settings.

Designed with Safety in Mind

Fail-Safe's UV-C Air sanitation solutions distribute UV-C in the upper air, preventing direct human exposure to UV-C. The result is fresh air that's constantly cleaned and recirculated, similar to the tried and true method of opening the windows.

Save Time and Money

Because no control systems are required to operate Fail-Safe's UV-C Upper-Air Sanitation products and installation is simple, installation costs are low. Plus, since there's no additional demand on the HVAC system, they're less expensive to use than other "filter" solutions.

Recommended Products





Fail-Safe GAW

- Germicidal UV Air Wall Mount
 Air sanitation fixture with UL 1598
- listing
 Provides air sanitation for large
- areas of coverage
- Horizontal distribution keeps
 UV-C in the upper air
- · Can be used in occupied spaces



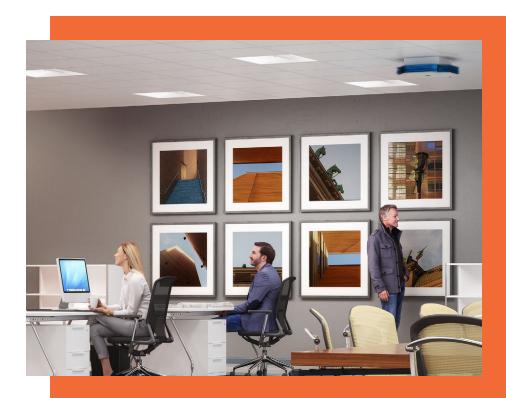
Fail-Safe GAC

- Germicidal UV Air Ceiling Mount
 Air sanitation fixture with
- UL 1598 listing
- Symmetrical coverage area
- Horizontal distribution keeps
 UV-C in upper air
- Can be used in occupied spaces

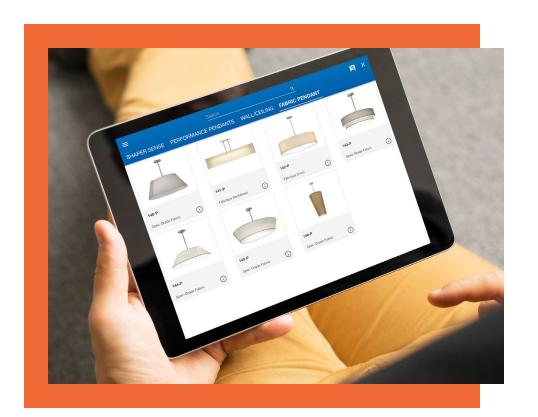


Neo-Ray Define UV-C

- Direct LED + Indirect UV-C enabled
- Suspended and wall mount family in 5" housing sizes
- Upper Air UV-C enabled, safe operation while space is occupied
- UV-C and ambient LED light are
- controlled separately
 2700K, 3000K, 3500K, 4000K, and 5000K correlated color temperatures available







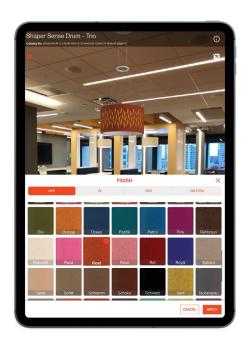
Light ARchitect App

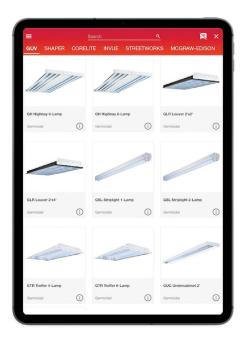
Visualize your new lighting solution with augmented reality

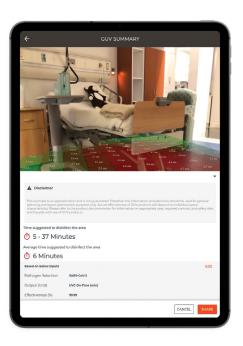
We've got an app that lets us show you what different fixtures would look like in any space in your facility, from resident rooms and nurses' stations to parking lots and walkways.

Our proprietary Light ARchitect app lets us take a photo of the space that needs better lighting; then we superimpose a lighting design over it so you can visualize what the final result will look like. Best of all, our app lets us do this on the spot, in about 10 minutes.









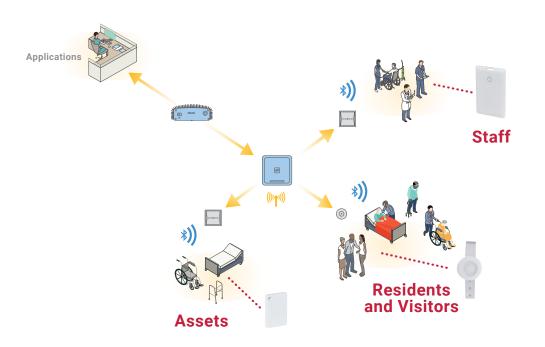
WaveLinx connected system

One scalable, easy-to-install system to rule them all

No building infrastructure is better positioned to collect valuable data than your lighting system. With its integrated sensors, WaveLinx provides immediate out-of-the-box performance and code compliance, and can be configured as a system from a secure mobile application. Lighting Core WaveLinx Wireless Area Controller long-term care outdoor spaces pathways / parking areas spaces **Control Stations** Software Controllers & Sensors Control Modules Power Modules

& Apps

& Accessories



Smart spaces platform and apps

Analyze facility data in real time, then put it to work with a suite of healthcare-minded applications that improve efficiency, enhance occupant experience, and promote well-being.

Valuable real-time facility data and ready-to-use smart spaces platform tools are at your fingertips.







WaveLinx: the smart spaces lighting platform for better, data-driven decisions

By harnessing the tremendous potential of Real-Time Location Systems (RTLS), WaveLinx can help facilities collect reliable data and turn it into meaningful, real-time insights that lead to operational and care-giving success.



Faster Staff Response

WaveLinx integrates with your nurse call system.

- · Eliminates manually canceled routine calls
- Makes it easier for staff members to find each other
- Reports how quickly caregivers respond to calls and how much time they're spending with residents



Better Position During Staffing Shortages

As more and more people need long-term care, competition for skilled caregivers increases. WaveLinx provides important advantages.

- Modernizing your facility
- Allowing you to provide more efficient care
- · Offering the ability to do more with less



Better Asset Management

Save time and money when WaveLinx can show you exactly where your equipment is.

- · Finding what you need in real time
- Alerting you when equipment maintenance is needed to stay within warranty
- · Helping you find a caregiver pronto



Decreased Lost or Stolen Items

WaveLinx can help staff determine whether a resident's item was misplaced or taken by someone who was where they weren't supposed to be.

- · Retracing a resident's movements
- · Showing who's entered a room or area
- Alerting staff when someone is entering a restricted area



Increased Resident Activity

How do you gauge residents' activity level or know they're getting enough exercise? WaveLinx has answers.

- · Displaying where each resident is in real time
- Providing alerts when residents aren't as active as they should be
- Reporting when their activity slows over time



Reduced Waste

WaveLinx can monitor temperature and humidity, notifying staff of any changes to help avoid costly spoilage of everything from medicines to food.

- Producing historical temperature reports
- Eliminating the need for manual temperature logging
- · Reminding staff of expiration dates



Fewer Patient Altercations

Some dementia residents get agitated and act out. Medication may not be the answer. WaveLinx helps you provide more attentive care that is often required for residents with dementia.

- Enabling real-time alerts for when a resident is in proximity to other residents they typically don't get along with
- Providing caregivers with the ability to reduce altercations



Improved Infection Prevention

WaveLinx helps reduce infections – especially important for those whose health is already compromised.

- Monitoring rooms for appropriate humidity and temperature levels
- Providing reliable contact tracing during an outbreak
- Making prompt quarantine measures possible



Fewer Resident Falls

The leading cause of injury-related death in seniors? Falls. Many occur at night as residents go to and from the bathroom. WaveLinx offers solutions that work.

- Alerting caregivers when a resident enters the bathroom
- Protecting residents' night vision by dimming the lighting in the evening
- Changing the lighting color temperature; tunable lighting was found to reduce resident falls by 40%



The WaveLinx Smart Spaces Platform offers a wide variety of physical tags as well as a virtual tag for mobile devices. The platform is also compatible with select 3rd-party tags.







Case Study:

Missouri Slope, Bismark, ND

A long-term care facility plans to improve operations and occupant experiences with Cooper Lighting Solutions.



"Our advanced lighting system is the next step in the evolution of modern healthcare delivery. It's the backbone of several integrations already in play, including Real-Time Location System and motion sensing, to alert caregivers to potential patient/resident needs. Ultimately, the new lighting system significantly increases our ability to analyze operations and to improve quality and safety for all who live and work at Missouri Slope."

Reier Thompson, MBA, LNHA, HSE President/CEO of Missouri Slope

Products Used

- WaveLinx Smart Spaces Core hardware platform hosting and licensing
- WaveLInx Lighting app
- · WaveLinx Locate app (RTLS)
- WaveLinx Locate (RTLS) wearables, badges, and tags accessories.
- 128 WaveLinx Area Controllers
- 64 WaveLinx Switchpacks/Load controllers
 81 WaveLinx/Greengate Occupancy sensors
 876 WaveLinx Wallstations/Dimmers
- · 37 HALO Track
- · 49 Neo-Ray Linear Recessed
- 168 HALO Surface-Mount Downlights 2,389
 Metalux troffers, flat panels, strip lighting,
 vapor tights, and other specialty lighting
- 6 Sure-Lite Exit
- · 22 Prevail Area/Site
- 27 Galleon Wall Mounted 230 All-Pro lighting



Background

Like most long-term care facilities, Missouri Slope Lutheran Care Center in Bismarck, North Dakota, faced steep challenges. An aging population and increased demand for care created a need to scale services while dealing with increasing staffing shortages and rising healthcare costs – all while being pressured to raise the quality of care and the overall experience for residents.



Challenge

With its existing facility at full capacity, Missouri Slope identified the need for additional private rooms, improved parking, and additional staff services. In 2017, Missouri Slope broke ground on a new, state-of-the-art facility with 192 resident rooms, chapel, sunroom, entertainment center, beauty salon, on-site pharmacy, memory care unit, and childcare center. Cooper Lighting Solutions joined the project in 2021.



Solution

The facility's new lighting system needed to provide immediate ROI and future scalability. The Cooper Lighting Solutions Smart Spaces Platform fit the bill. Combining high-quality ambient lighting with advanced integrated sensing capabilities, such as daylight, power, occupancy, and RTLS (Real-Time Location System), the lighting system was able to displace the disparate systems of the past with greater value at a lower acquisition and ongoing operational cost.



Results

The Missouri Slope staff will leverage its lighting systems to improve staff and resident experiences in several ways:

Resident activity: Staying active is key to long-term residents' health. Using RTLS, the staff can access residents' activity patterns and help them achieve optimal levels.

Memory care: RTLS will be used to ensure memory care residents are not entering unauthorized locations. If a resident wanders, staff receives automated alerts.

Nighttime safety: With WaveLinx and Cooper Lighting Solutions products, Missouri Slope can monitor certain resident activity – like using the restroom at night – even if they're not wearing their BLE-enabled device. This helps staff quickly and easily know where residents are and prevent incidents such as falls.

Staff and resident assist: Badges and wearables are equipped with an alert button that residents can use to request assistance. If no one responds within a set period, the request is escalated automatically.

Asset management: Assets, such as equipment and resident belongings, can be tagged and quickly located from any mobile or web-enabled device.

Identifying equipment in the laundry room: Smaller equipment sometimes becomes wrapped up in linens that are then processed in the laundry. Tagged equipment can be sensed to prevent it from being laundered.



National Recognition: Missouri Slope was one of the 2023 Integrated Lighting Campaign organizations recognized by the Department of Energy for exemplary performance in the application of advanced sensors and controls in lighting and the integration of lighting with other building and business systems.

"Cooper Lighting Solutions' Smart Spaces Platform integrates seamlessly with the West-Com Nurse Call platform to offer Missouri Slope caregivers and residents an even better way to communicate. In addition, this technology further enhances a facility's falls management program, which is top of mind for many healthcare facilities."

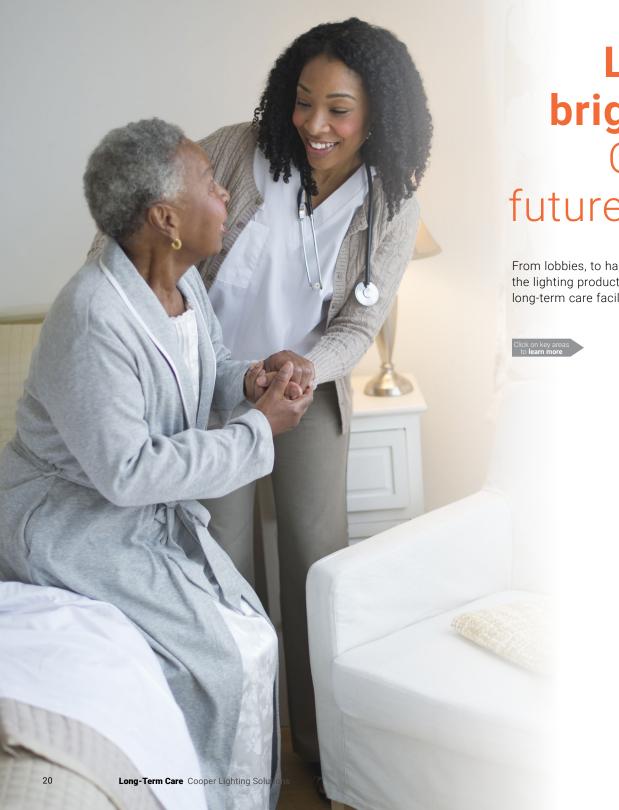
Theresa O'Hollaren Chief Experience Officer/Chief Nursing Officer, West-Com

"The advanced design of JNL Technologies' Quantum door control system that incorporates Bluetooth for wander management dovetails well with Cooper Lighting Solutions' Smart Spaces Platform. The combined offering provides Missouri Slope greater value for their investment and delivers enhanced safety for their residents."

James Gleason President/Founder, JNL Technologies

"ZulaFly has been a longtime RTLS partner of Missouri Slope, providing real-time locating, alerting, and analytics within our dashboards. Cooper Lighting Solutions' Smart Spaces Platform allows us to provide Missouri Slope with additional RTLS functionality."

> Stephanie Andersen CEO, ZulaFly



Lighting for a brighter tomorrow: Our solutions futureproof your facility

From lobbies, to hallways, to the resident rooms, Cooper Lighting Solutions has the lighting products to meet the individual needs of the widely varied spaces in a long-term care facility.



Key Areas

Resident Rooms

Lobby Areas

Visiting & Waiting Areas

Hallway Areas

Dining Areas

Activity Areas

Service Areas

Nurse Areas

Physical Therapy Spaces

Exit & Emergency Areas

Sunroom Areas

Resident Drop-Off & Walkway Areas

Outdoor Gardens & Courtyard Areas

Parking Areas



Resident Rooms

Space Overview

Residents typically spend a lot of time in these rooms so it's important to provide a variety of types of lighting, including reading and night lights as well as bright examination lights. Creating an aesthetically pleasing design and ensuring visual comfort are also critical to maintaining resident satisfaction.

Design Features

Fixtures

- · Multifunction resident bed light located above the resident bed
- · Ambient lighting located in perimeter of room
- Accent lighting provides decorative touches

Light Quality

- · Multiple light levels required at the resident's bed for different functions (ambient/examination/reading)
- Tunable Color Temperature 2700K-6500K (VividTune)

Solutions

- · Low voltage control for nurse call systems
- VividTune
- Wavelinx

Recommended Products





Metalux **Perceive**

- Uses patent pending Perceive™ Technology based on cognitive science
- Efficacy up to 137 lumens per watt 80CRI and 90CRI options in 3000K,

3500K, 4000K, 5000K CCT

Available in 2x2, 2x4, and 1x4 sizes



Portfolio LD4

- · LED 4" Round Recessed Downlight or lensed wall wash
- W2N Tunable White 2700K-6500K or 2000K-5000K
- Lumens: 1,000-6,000; 0-10V dimming down to 1%
- WaveLinx and DLVP connected lighting systems compatibility



CoviO Graze

- · Architectural Wall Graze / Wash
- 9 optical distributions available
- Creates important accent layer to enhance visual experience
- Indoor and outdoor rating allows for use in any environment



Greengate **Patient Pillow Speaker**

- Provides residents access to control lighting from the bed
- Lighting/shade control buttons with Nurse Call, TV, and other features
- Sealed to reduce risk of infectious fluids or solids entering device



WaveLinx **Locate Tags**

- Ideal for asset management, resident elopement, workflows, staff duress, and infection prevention
- Multiple form factors
- Long battery life



- Lighting control RTLS
- · Motion-based alerting
- Occupant counting
- Environmental monitoring

Lobby Areas

Space Overview

As one of the first places encountered upon entering a facility, this space sets the tone for a facility. Presenting a calm, welcoming, and clean ambiance is critical. Combining the architectural styles of Cooper Lighting Solutions fixtures with dim-to-warm and white tuning technologies allows a facility to create a pleasant environment that puts visitors at ease.

Design Features

Fixtures

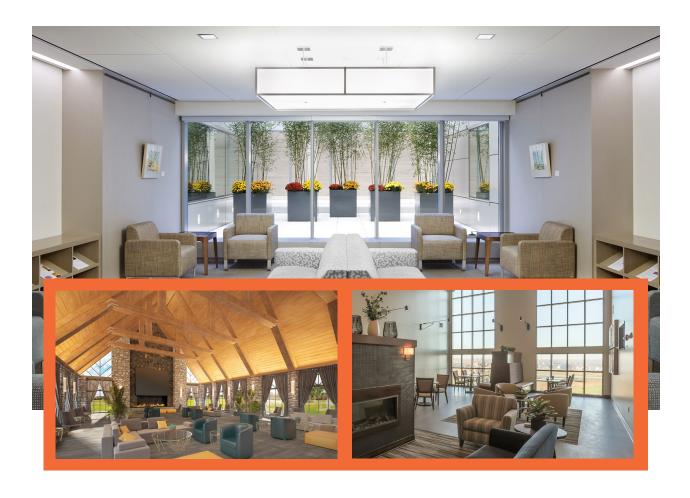
- · Downlights, cylinders, adjustable, track, multi-head, linear, acoustic, troffer, and decorative
- · Variety of shapes, sizes, textures, and colors to complement any design

Light Quality

- · Precision optics maximize uniformity
- · Multiple color temperature and lumen options

Solutions

- WaveLinx
- DLVP
- D2W
- VividTune



Recommended Products





Portfolio LER4 / LESQ4

- LED 4" Round and Square Cylinder W2N Tunable White 2700K-6500K or
- Lumens: 1,000-4,000; Standard 0-10V dimming down to 1%
- WaveLinx and DLVP connected lighting systems compatibility

2000K-5000K



Portfolio LDS04

- LED 4" Square Recessed Downlight or lensed wall wash
- W2N Tunable White 2700K-6500K or 2000K-5000K
- Lumens: 250-7,500 lumens; 0-10V dimming down to 1%
- WaveLinx and DLVP connected lighting systems compatibility



HALO Commercial HC₆

- Distributions: Precision-formed reflectors in Narrow, Medium, and
- · Wall wash distribution with exclusive rotatable linear spread lens
- Lumens: 500 6.000
 - Universal Voltage 120V 277V; 0-10V analog dimming down to 1%



VividTune

VividTune Technology

- · Tunable white solutions from warm to cool white
- Achieve the right color temperature and light intensity
- Balance circadian rhythms as well as provide the best lighting for improved resident experience



WaveLinx **Locate Tags**

- Ideal for asset management, resident elopement, workflows, staff duress, and infection prevention
- Multiple form factors
- Long battery life



- Lighting control RTLS
- Motion-based alerting
- Occupant counting
- Environmental monitoring



Visiting / Waiting Areas

Space Overview

For a peaceful, seamless quest experience, lighting in this area should complement the resident room design. Cooper Lighting Solutions offers a variety of recessed and suspended products to create uniquely lit spaces that enhances your facility.

Design Features

Fixtures

- · Downlights, cylinders, adjustable, track, multi-head, linear, acoustic, troffer, and decorative
- · Variety of shapes, sizes, textures, and colors to complement any design

Light Quality

- · Recommended 80 or 90 CRI
- · Multiple color temperature and lumen options

Solutions

- WaveLinx
- DLVP
- D2W
- VividTune

Recommended Products





Neo-Rav Define & UV-C

- Gain precision and flexibility with 2", 3", 4", and 5" widths, specifiable to the nearest inch
- · Removable flush or drop satin lens design allows staff to easily clean and wipe down
- · Precision trims accommodate a
- variety of ceiling types
 Upper Air UV-C option available



Portfolio LDA3 LED

- Distributions: 10° 70° in 5° increments
- · Lockable 365° rotation and 45° tilt holds any aiming position
- Downlight, accent, and pinhole reflectors
- WaveLinx and DLVP connected lighting systems compatibility



Portfolio LD4

- New construction downlight for
- shallow plenum space
 W2N Tunable White 2700K-6500K or 2000K-5000K
- · Lumens: 1,000-3,000; 0-10V dimming down to 1%
- WaveLinx and DLVP connected lighting systems compatibility



VividTune **Technology**

- · Tunable white solutions from warm to cool white
- Achieve the right color temperature and light intensity
- · Balance circadian rhythms as well as provide the best lighting for improved resident experience



WaveLinx **Locate Tags**

- Ideal for asset management, resident elopement, workflows, staff duress, and infection prevention
- Multiple form factors
- Long battery life



- · Lighting control
- RTLS
- Motion-based alerting
- Occupant counting
- · Environmental monitoring

Hallway Areas

Space Overview

Lighting in hallways should be bright enough to feel safe and comfortable while also making a quick evacuation possible during an emergency. With the addition of sensors, the lighting in hallways can also conserve energy by dimming during low-activity periods when no people are present.

Fixtures

- · Linear, surface, suspended, and recessed
- · Exit & Emergency options: die-cast exit signs, EBPs installed in luminaires

Light Quality

- · Precision optics maximize uniformity
- Fixed color temperature 3000K, 3500K recommended

Solutions

- WaveLinx
- · Fifth Light
- D2W
- DLVP
- MWS Modular



Recommended Products





Neo-Ray Define

- Gain precision and flexibility with 2", 3", 4", and 5" widths, specifiable to the nearest inch
- · Removable flush or drop satin lens design allows staff to easily clean and wipe down
- Precision trims accommodate a variety of ceiling types



Portfolio LDSQ4

- · LED 4" Square Recessed Downlight or lensed wall wash
- W2N Tunable White 2700K-6500K or 2000K-5000K
- Lumens: 250-7.500 lumens: 0-10V dimming down to 1%
- WaveLinx and DLVP connected lighting systems compatibility



HALO Commercial HC4

- Lumens: 500 6,000
 Color: 2700K. 3000K. 3500K. 4000K. 5000K; 80 or 90 CRI
- Distributions: Precision-formed reflectors in Narrow, Medium, and
- · Wall wash distribution with exclusive rotatable linear spread lens
- Universal Voltage 120V 277V; 0-10V dimming to 1%

TECHNOLOGY & CONTROLS SOLUTIONS

VividTune

VividTune **Technology**

- · Tunable white solutions from warm to cool white
- · Achieve the right color temperature and light intensity
- Balance circadian rhythms as well as provide the best lighting for improved resident experience



WaveLinx **Locate Tags**

- Ideal for asset management, resident elopement, workflows, staff duress, and infection prevention
- Multiple form factors
- Long battery life



- Lighting controlRTLS
- Motion-based alerting
- Occupant counting
- Environmental monitoring





Dining & Kitchen Areas

Space Overview

The lighting in dining spaces should be comfortable, hospitable, and enhance the appearance of food. Remember, resident families often consider the dining area a barometer of the modernity and quality of a facility. Lighting design should accommodate vision impairment - a common issue with residents. Typically, this means an emphasis on daylight and higher electric light levels.

Fixtures

- · Downlights, cylinders, adjustable, track, multi-head, linear, acoustic, troffer, and decorative
- · Variety of shapes, sizes, textures, and colors to complement any design

Light Quality

- · Precision optics maximize uniformity and glare
- Fixed color temperature 3500K (recommended) and 4000K

Solutions

- WaveLinx
- D2W
- VividTune

Recommended Products





Portfolio LDSQ4

- · LED 4" Round Recessed Downlight or lensed wall wash
- W2N Tunable White 2700K-6500K or 2000K-5000K
- Lumens: 250-7.500 lumens: 0-10V dimming down to 1%
- WaveLinx and DLVP connected lighting systems compatibility



Portfolio LDS02B

- · LED 2" Square Recessed Downlight or lensed wall wash
- W2N Tunable White 2700K-6500K or 2000K-5000K
- Lumens: 500-2,000 lumens; 0-10V dimming down to 1%
- WaveLinx and DLVP connected lighting systems compatibility



HALO Commercial HC4

- · Lumens: 500 6,000 Color: 2700K. 3000K. 3500K. 4000K.
- 5000K; 80 or 90 CRI Distributions: Precision-formed
- reflectors in Narrow, Medium, and
 - · Wall wash distribution with exclusive rotatable linear spread lens
 - Universal Voltage 120V 277V; 0-10V dimming to 1%



HALO Commercial PR4

- · Selectable lumens 1000/1500/2000 and 2000/3000/4000
- SeleCCTable color temperature 3000K/3500K/4000K; in 80 or 90 CRI
- · Medium or Wide distribution with exclusive reversible 'flip' lens
- · Wall wash with accessory louver kit
- Universal Voltage 120V 277V; 0-10V dimming to 1%



VividTune Technology

· Tunable white solutions from warm to cool white

FECHNOLOGY & CONTROLS SOLUTIONS

- · Achieve the right color temperature and light intensity
- Balance circadian rhythms as well as provide the best lighting for improved resident experience



- Lighting controlRTLS
- Motion-based alerting
- Occupant counting
- Environmental monitoring

Activity Areas

Space Overview

Activity spaces should be enticing, happy places that encourage resident participation. Lighting may vary – or be controlled – by areas within the space to ensure there's appropriate lighting for the activity at hand.

Fixtures

- Downlights, cylinders, adjustable, track, multi-head, linear, acoustic, troffer, and decorative
- Variety of shapes, sizes, textures, and colors to complement any design

Light Quality

- Precision optics maximize uniformity and glare control
- Fixed color temperature 3500K (recommended) and 4000K
- D2W Dim to Warm color tunning (recommended)

Solutions

- WaveLinx
- DLVP
- D2W
- VividTune



Recommended Products





Neo-Ray Define UV-C

- Direct LED + Indirect UV-C enabled
 Suspended and wall mount family in 5" housing sizes
- Upper Air UV-C enabled, safe
- operation while space is occupied
 UV-C and ambient LED light are controlled separately
- 2700K, 3000K, 3500K, 4000K, and 5000K correlated color temperatures available



Portfolio LER4 / LESQ4

- LED 4" Round and Square Cylinder
 W2N Tunable White 2700K-6500K or
 2000K-5000K
- Lumens: 1,000-4,000; Standard 0-10V dimming down to 1%
- WaveLinx and DLVP connected lighting systems compatibility



Portfolio LD4

- New construction downlight for shallow plenum space
- W2N Tunable White 2700K-6500K or 2000K-5000K
- Lumens: 1,000-3,000; 0-10V dimming down to 1%
- WaveLinx and DLVP connected lighting systems compatibility





WaveLinx Insights App

- Ready-to-use space occupancy dashboards and reports
- Space occupancy trends and comparison
- Real-time occupancy status



Field Selectable Technology

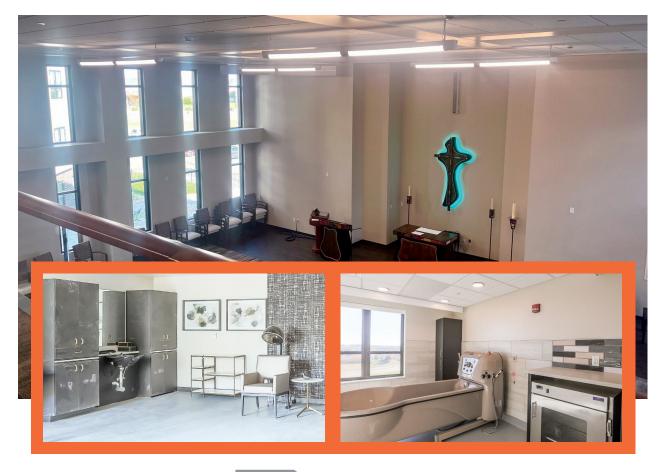
- Choose from a range of color temperatures and/or lumens with a simple slide on the product
- Multiple products in one, save money by carrying less inventory



MWS Modular Wiring Systems

- No bending, cutting, or assembly is needed
- Reduce construction cycle time with less labor and faster installation
- Easily configure the system for future additions and renovations
- Saves an average of 50% off labor and project expenses







Service Areas

salon - daycare - chapel - spa

Space Overview

Activity spaces should be enticing, happy places that encourage resident participation. Lighting may vary – or be controlled – by areas within the space to ensure there's appropriate lighting for the activity at hand.

Fixtures

- · Cylinders, downlights, recessed, adjustable, and decorative complement any design
- · Exit & Emergency options: Black exit signs, EBPs installed in luminaires

Light Quality

- Besides stage lighting, room and stage functional lighting uniformity is important for staff and visitors
- · Low-glare side and wall lighting provides safety and overall ambiance
- Variable light levels are available through switching or dimming
- D2W Dim to Warm color tunning recommended
- 3500K or 4000K fixed color temperature
- Light Level 30Fc, 300Lx

Solutions

- WaveLinx
- · DMX solutions with WaveLinx Wired
- VividTune

Recommended Products





Portfolio LD4

- · LED 4" Round Recessed Downlight or lensed wall wash
- · W2N Tunable White 2700K-6500K or 2000K-5000K
- Lumens: 1,000-6,000; 0-10V dimming down to 1%
- WaveLinx and DLVP connected



Portfolio LER4 / LESO4

- LED 4" Round and Square Cylinder
- W2N Tunable White 2700K-6500K or 2000K-5000K
- Lumens: 1,000-4,000; Standard 0-10V dimming down to 1%
- WaveLinx and DLVP connected lighting systems compatibility



Corelite Continua

- · Available in 4', 8', 12', and continuous runs
- Continuous line of light via
- single-piece luminous roll lens 500 to 1,500 delivered lumens per
- Multiple lumen packages with efficacies up to 147 lumens per watt



HALO Commercial HC₆

- Lumens: 500 6,000 Color: 2700K, 3000K, 3500K, 4000K, 5000K; 80 or 90 CRI
- Distributions: Precision-formed reflectors in Narrow, Medium, and
- Wall wash distribution with exclusive
- rotatable linear spread lens Universal Voltage 120V 277V; 0-10V dimming to 1%



HALO Commercial HCC6

- Lumens: 500 5,000
 Color: 2700K, 3000K, 3500K, 4000K, 5000K; 80 or 90 CRI
- Distributions: Precision-formed reflectors in Narrow, Medium, and
- Wall wash distribution with exclusive
- rotatable linear spread lens Universal Voltage 120V 277V; 0-10V dimming to 1%



WaveLinx Lite Mobile App

- · Create groups without additional hardware or IT support required for site setup
- Empowering the installer to adjust the settings using a mobile app and Bluetooth
- Securely transfer the ownership of a system to the customer once the project is completed

CONTROLS SOLUTIONS

OLOGY &

ECHN

Nurse Areas

Space Overview

The nurses' station should be a well-lit area for day and night staff. Appropriate lighting solutions improve productivity and reduce errors. Our solutions enhance effectiveness by providing variable CCT for circadian support and glare-free. targeted task lighting that alleviates eve fatigue.

Design Features

Fixtures

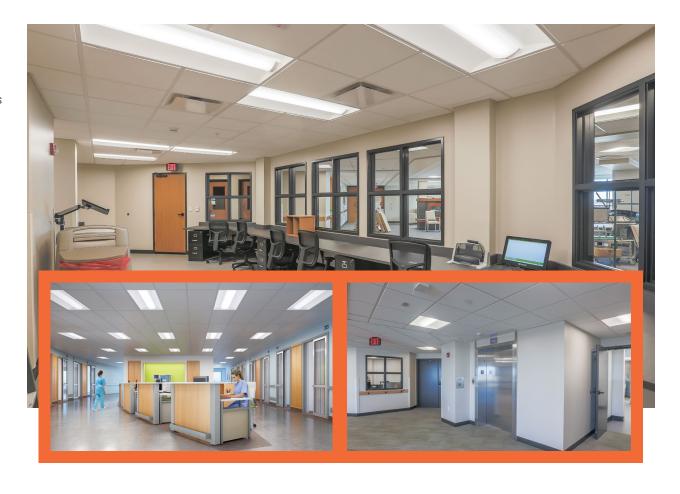
- Downlights, cylinders, adjustable, track, multi-head, linear, acoustic, troffer, and decorative
- Variety of shapes, sizes, textures, and colors to complement any design

Light Quality

- · Precision optics maximize uniformity
- Multiple color temperature and lumen options

Solutions

- WaveLinx
- DLVP
- · D2W dim to white
- UV-C
- VividTune



Recommended Products





Metalux Cruze

- · Latch-less design provides clean architectural look
- · Ribbed, smooth, square, and round perforated lens options
- Integrated sensor systems occupancy, daylight, and IoT connectivity



Fail-Safe GAC

- Germicidal UV Air Ceiling MountAir sanitation fixture with UL 1598
- listing
- Symmetrical coverage area
- Horizontal distribution keeps UV-C in upper air
- Can be used in occupied spaces



HALO HU30 Undercabinet

- · Universal voltage operates at 120V - 277V
- · 3/4" Sleek profile and even light distribution; Low-glare optics PIR Motion Sensor option adds
- convenience and energy savings USB optional port charges smart
- Lengths: 9", 18", 24", 36", and 48"; White and Matte Black finishes



· Tunable white solutions from warm to cool white

VividTune

Technology

- · Achieve the right color temperature and light intensity
- Balance circadian rhythms as well as provide the best lighting for improved resident experience



WaveLinx **Locate Tags**

- · Ideal for asset management, resident elopement, workflows, staff duress, and infection prevention
- Multiple form factors
- Long battery life



- Lighting control RTLS
- Motion-based alerting
- Occupant counting
- Environmental monitoring







Physical Therapy Space

Space Overview

Did you know natural light and the lighting that mimics it have been proven to aid in healing? That same type of light also creates an inviting, motivational environment for residents visiting the physical therapy room.

Fixtures

- · Downlights, adjustable, linear, acoustic, and troffer
- Variety of shapes, sizes, textures, and colors to complement any design

Light Quality

- · Precision optics maximize uniformity
- · Multiple color temperature and lumen options
- · Elevated light levels at the tables

Solutions

- WaveLinx
- UV-C
- DLVP

Recommended Products





Metalux Cruze

- Latch-less design provides clean architectural look
- Ribbed, smooth, square, and round perforated lens options
- Integrated sensor systems occupancy, daylight, and IoT connectivity



Metalux CGTS

- Selectable lumens with Low, Medium, and High settings from 2500-6800 lumens
- Selectable CCT offered in 3500K, 400K, and 5000K settings
- Shallow less than 2" fixture height, ideal for shallow plenums
- Minimalist design for visual comforting aesthetics



Neo-Ray Define

- Gain precision and flexibility with 2", 3", 4", and 5" widths, specifiable to the nearest inch
- Removable flush or drop satin lens design allows staff to easily clean and wipe down
- Precision trims accommodate a variety of ceiling types



HALO Commercial PR8

- Lumens 1000, 1500, 2000, 3000, 4000
- SeleCCTable color temperature 3000K/3500K/4000K; in 80 or 90 CRI
- Medium or Wide distribution lens
 ontions
- Wall wash with accessory louver kit
 Universal Voltage 120V 277V;
- Universal Voltage 120V 27
 0-10V dimming to 1%



HALO Commercial HCM1-2-3-4

- 1, 2, 3, or 4 multi-head adjustable • 355° rotation and 70° tilt
- 25° narrow flood reflector included; field interchangeable 15° and 40° options
- Lumens: 1200
- Universal Voltage 120V 277V; 0-10V dimming to 1% and 120V phase-cut to 1%



Neo-Ray Define UV-C

- Direct LED + Indirect UV-C enabled
 Suspended and wall mount family in
- 5" housing sizes
 Upper Air UV-C enabled, safe
- operation while space is occupied
 UV-C and ambient LED light are
 controlled separately
- 2700K, 3000K, 3500K, 4000K, and 5000K correlated color temperatures available

CONTROLS SOLUTIONS

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Exit & Emergency Areas

Space Overview

Life safety lighting is essential and legally mandatory. To help occupants find their way out of the building during an emergency or power outage, exits must be clearly marked and illuminated. Emergency lighting is necessary for continuous illumination in the event of power failure. Power for these applications is provided through battery backup, inverters, or generators.

Design Features

Exit Lighting

- · Size and color for code compliance
- Self-powered battery models have 90 minutes of emergency run time

Emergency LightingProvides 90 minutes of emergency illumination when AC power fails

Solutions

- Self-diagnostic products eliminate manual testing
- · Inverters provide large-scale emergency power

Sure-Lites Compliance

- UL 924-listed, NFPA, NEC, OSHA-compliant
- · Battery-supplied models are Title 20-compliant

Recommended Products





- Surface Mount LED Lamps
- Die-cast aluminum housing



Sure-Lites EUX series

- · Field selectable clear, white,



Sure-Lites ARCEL series

- · LED Source for uniform illumination · Architectural look, slimmer housing profile, no visible screws
- Aluminum housing
- Self-diagnostics is standard



Sure-Lites

- Emergency battery packUp to 2000 lumens/per fixture

EBP

- NFPA testing automation self-diagnostics options
- Install into any fixture
- · NYC-compliant



Sure-Lites **SELA**

- · 29 ft coverage NFPA testing automation self-diagnostics standard
- Custom covers
- NYC-compliant

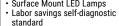


Sure-Lites Inverter

- · Emergency inverter
- · 20 watt to 50K watts of power
- · NFPA testing automation
- self-diagnostics options
- Never visible



Sure-Lites CX series



· Signage options available





 NFPA testing automation self-diagnostics standard

Die-cast aluminum housing Edge Lit panel

or mirror panel color and directional chevrons



EXIT LIGHTING





Sunroom Areas

Space Overview

Sunrooms bring the outside in for residents when, for whatever reason, they can't go outside. Modern lighting can extend the relaxation and healing properties of sunrooms. Selectable lighting allows staff to adjust the color temperature and amount of light emanating from the luminaire to mimic the light of the sun.

Fixtures

- · Downlights, cylinders, linear, acoustic, and decorative
- · Variety of shapes, sizes, textures, and colors to complement any design

Light Quality

- · Precision optics maximize uniformity
- Fixed color temperature 3000K, 3500K recommended
- · Daylighting Harvesting sensor and shade control options maximize natural light exposure

Solutions

- WaveLinx
- D2W
- · DLVP
- · MWS Modular
- UV-C

Recommended Products





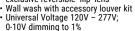
Portfolio LAM4

- 1, 2, 3, or 4 multi-head adjustable 355° rotation and 70° tilt
- Interchangeable optics from 10° to 70° in 5° increments
- Lumens: 800 and 1,200, 0-10V 1% dimming standard



HALO Commercial PR6

- Selectable lumens 1000/1500/2000 and 2000/3000/4000
- SeleCCTable color temperature
- 3000K/3500K/4000K; in 80 or 90 CRI Medium or Wide distribution with exclusive reversible 'flip' lens





Shaper 845 Loop Series

- acrylic and metal pendant
- and custom color available



- Decorative and high-performing
- 2 fixture sizes: 27", 36" ceiling pendant mount
- 6 standard painted metallic finishes



Shaper - 3D Printing Prentalux

- 3D printed products ranging from 8"x8"x8" to 17"x17"x17"
- 16 or 18 neutral color options and 3 inner and 3 outer textures
- · Lumen output ranges from 1000-7000



WaveLinx **Dimming Switchpack**

- Output control loads up to 20 amps or 1.5 HP and 0-10V dimming control with easy junction box mounting
- Universal voltage input (120V-347V) Models for normal and emergency (UL924) compliant applications



WaveLinx Locate App

- Quickly locate people in case of emergency
- View real-time location and movement of assets with map visualization
- Use real-time location APIs to exchange data with 3rd-party solutions

Resident Drop-Off & Walkway Areas

Space Overview

Providing a bright, uniform environment welcomes your residents and helps them navigate the space. Drop off areas and walkways need to be well lit and provide a clear path for residents and staff. Lighting is important to ensure residents can easily identify curbs, ramps, and other obstacles.

Design Features

Fixtures

· Area/Site, Wall Mount, and Bollard/Pathway

Light Quality

- · Precision optics maximize uniformity
- · Multiple color temperatures

Solutions

- WaveLinx
- FADC Dimming Controller
- · LumenSafe Security Camera



Recommended Products





McGraw-Edison **BRT6 Bollard**

- · Pedestrian & Pathway Luminaire
- · 4 optical distributions
- Available in 30", 36", and 42" heights
- Up to 4,400 lumens
- · Efficacy up to 122 lumens per watt



Invue - ARB **Arbor Post Top**

- Area & Site LED Luminaire
- Visual Comfort optical configurations
- Up to 9,500 lumens
- Wall mount accessories available
- · Integrated, connected, and standalone controls



Invue **ClearCurve Wall**

- · Wall Mount Luminaire
- · Visual Comfort and Discrete optical
- configurations Up to 12,000 lumens

alone controls

- 11 color temperature options · Integrated, connected, and stand-



WaveLinx **Outdoor Fixture Mount Sensor**

- · Photocell dusk-to-dawn control
- · Passive Infra-Red (PIR) for motion sensing Hardware capable of Real-Time
- Location Services (RTLS)



WaveStream™ **Optics**

- · Provides visual comfort
- Reduces glare
- Particularly beneficial for low mounting height, pedestrian applications





Outdoor Gardens & Courtyard Areas

Space Overview

Exterior spaces can provide needed areas of relaxation, meditation, and rejuvenation for residents, visitors, and staff. Landscape lighting designs can provide various levels of illumination and color, allowing the designer to create an inviting, calm, and safe environment.

Design Features

Fixtures

• Bollard/Pathway, Landscape, Area/Site, and Wall

Light Quality

· Multiple color temperature options

Solutions

- WaveLinx
- · FADC Dimming Controller
- · LumenSafe Security Camera

Recommended Products





Invue - ARB Arbor Post Top

- · Area & Site LED Luminaire
- Visual Comfort optical configurations
- Up to 9,500 lumens
- Wall mount accessories available
- Integrated, connected, and standalone controls



Lumiere Lanterra

- Landscape lighting
- Single and dual head
- Field changeable optics
- Premium machined
 Stand-alone integral sensor option



Invue Entri Wall

- Wall mount luminaire
- Optional uplight and colored luminous window
- 9 color temperature options



Invue ClearPath Bollard

- Pathway luminaire
- Simple yet architectural form
- 6 durable finish options
- 3 optical distributions



WaveLinx Outdoor Fixture Mount Sensor

 Photocell dusk-to-dawn control
 Passive Infra-Red (PIR) for motion sensing

TECHNOLOGY & CONTROLS SOLUTIONS

 Hardware capable of Real-Time Location Services (RTLS)



WaveStream™ Optics

- · Provides visual comfort
- Reduces glare
- Particularly beneficial for low mounting height, pedestrian applications

Parking Areas

Space Overview

Parking areas are very busy places. It's important that residents and staff can easily navigate the spaces in a safe manner. Making sure people and vehicles are easily visible reduces the risk of injury. High-performing and uniform lighting can help motorists and pedestrians identify risks and increase the feeling of safety and security.

Design Features

Fixtures

Area/Site, Garage/Canopy, Wall Mount, and Pathway

Light Quality

- · Precision optics maximize uniformity
- · Multiple color temperatures

Solutions

- Connected options for maximum control
- Reduced power and maintenance costs



Recommended Products





McGraw-Edison **GALN Galleon II**

- · Area & Site LED Luminaire
- 16 high-efficiency optical distributions · Efficacy up to 159 lumens per watt
- Up to 73,500 lumens
- Integrated, connected, and standalone controls



McGraw-Edison TT TopTier

- 5 optical distributions
- · Integrated, connected, and stand-



Lumark **Axcent LED**

- · Wall Mount Luminaire
- · Inverted Wall option
- Up to 17,000 lumens
- alone controls



WaveLinx **Outdoor Fixture Mount Sensor**

- · Wireless indoor and outdoor advanced control
- · Centralized lighting control configuration and management
- Passive Infra-Red (PIR) for motion
- Photocell dusk-to-dawn control.
- Connects to our smart spaces platform and its apps



WaveLinx Lite Outdoor Fixture Mount Sensor

- · App-based, programmable for individual and group control
- Passive Infra-Red (PIR) for motion
- Photocell dusk-to-dawn control, dimming



Streetworks **FADC Dimming Controller**

- Ten position set points for a full selection of lumen levels
- Field adjustable lumen level set points ranging from 20% - 100%
- Tool-less adjustability provided thru
- a rotary dial
- · Available on full Archeon series



- Garage & Canopy LED Luminaire
- Up to 13,300 lumens
- alone controls

LIGHTING

Why Cooper Lighting Solutions?

For more than 50 years, we've partnered with long-term care facilities to unlock the power of lighting to improve well-being and sustainability while solving unique business problems. Our solutions are tailored to the complex needs of the industry, balancing application requirements with aesthetics to create spaces that are both hospitable and functional — from the parking lot to nurses' stations to residents' suites.

Our extensive luminaire portfolio includes brands that have long been trusted in long-term applications, like McGraw, Metalux, and Fail-Safe. Paired with integrated sensors, the WaveLinx connected lighting system, these solutions provide a foundation for countless operational improvements through valuable facility data and insights.

Imagine having access to real-time data about your facility, assets, and occupants that not only keep people and assets secure, but can be mined to improve everything from workflows to asset utilization.

With the right lighting solutions partner, these capabilities are just the beginning.



Our brands

Industry leading lighting and controls solutions



Ametrix | AtLite | Corelite | Ephesus | Fail-Safe | Fifth Light | Greengate |

HALO Commercial | HALO | Invue | iO | IRiS | Lumark | Lumiére | McGraw-Edison | Metalux | Modular Wiring Systems (MWS) | Neo-Ray | Portfolio | RSA | Shaper |

Shaper PrentaLux | Streetworks | Sure-Lites | WaveLinx | Telensa







Lighting Brands

Ametrix
AtLite
Corelite
Ephesus
Fail-Safe
HALO

HALO Commercial

Invue iO Iris

Lumark Lumière

McGraw-Edison

Metalux MWS

Neo-Ray

Portfolio RSA

Shaper

Shaper PrentaLux - 3D Printed Lighting

Streetworks
Sure-Lites
Telensa



Greengate Fifth Light

Connected Lighting Systems and Smart Spaces Platform

WaveLinx

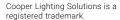


SCAN

for more Healthcare Solutions information

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