Current ◉

ILLUMINATING DATA

Secure, Reliable, Efficient

Effective lighting plays a critical role in maintaining seamless operations in the digital era.

Data centers require significant lighting levels to ensure safe movement and proper equipment maintenance. Current provides a wide range of LED solutions that help create brighter, safer, and more energy-efficient data centers while producing less heat.
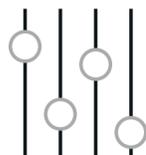
You make your space safer

You lower operating temperatures

You get more reliable lighting

You get more control— and controls

✓ More than 130 years of lighting heritage

✓ Industry leading airflow support

✓ A broad portfolio of innovative solutions

✓ Ease of installation and maintenance

Quick-ship & NX Lighting Controls   QS NX

Products with the QS10 icon are featured in our Quick Ship program and have abbreviated lead times. We understand tight deadlines and we're ready to ship on-time and on-demand wherever and whenever you need us.

Products with the NX icon are controls ready. NX Lighting Controls delivers a fully distributed system of connected devices, sensors and luminaires that deliver easy to design and install solutions to meet building code and reduce energy costs. An ever-growing selection of our indoor and outdoor luminaires are controls-ready, providing you the flexibility to address all project needs.

TAKE A DATA CENTER TOUR TO SEE ALL THE WAYS CURRENT SOLUTIONS DRIVE SAFETY, EFFICIENCY AND RELIABILITY.

Who is Current?

Current is a customer-focused lighting solutions company offering the industry's broadest range of advanced lighting and smart controls.

At Current, we create safer, more efficient, and inspired spaces with sustainable technologies that meet today's needs and anticipate tomorrow's challenges.

A broad portfolio of innovative brands

Current's portfolio showcases the most trusted lighting and control brands, perfect for any space from architectural to complex, outdoor to indoor, life safety to specialty, and beyond.

With 28 trusted brands and over 2,000 patents, we bring a rich history of innovation.

Indoor

Columbia LIGHTING

kurt versen

lifeshield
Lighting for Complex Spaces

LITECONTROL
making light work™

prescolite

Outdoor

architectural arealighting

BEACON
design . performance . technology

EXO

KIM LIGHTING

Controls

NX LIGHTING CONTROLS

With a solution for every space

Our brands offer more than advanced LED Fixtures and Intelligent Controls.

Only Current provides a complete solutions package, from illuminating your building to lighting up its signage and the roadways that guide you there.
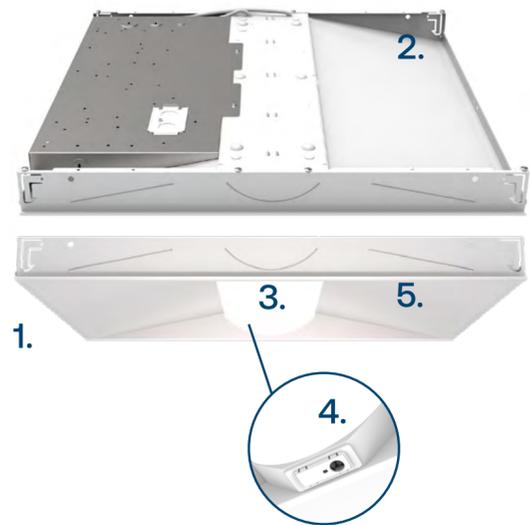
Life Safety

DUAL LITE

C◇MPASS®

Technologies

SpectraChoice™

LumenChoice®

SpectraSync™
Color Tuning Technology

TriGain®
technology

HASSLE-FREE SOLUTIONS

Simple Installation—Minimal Upkeep

LCAT-DS

QS NX | Columbia LIGHTING

Data centers with structural ceilings need lay-in lighting solutions that are:

1. Low profile to fit the crowded plenum
2. Specifically sized for the non-traditional grid spacing
3. Designed to provide excellent illumination
4. Controllable to provide automatic, on-demand lighting
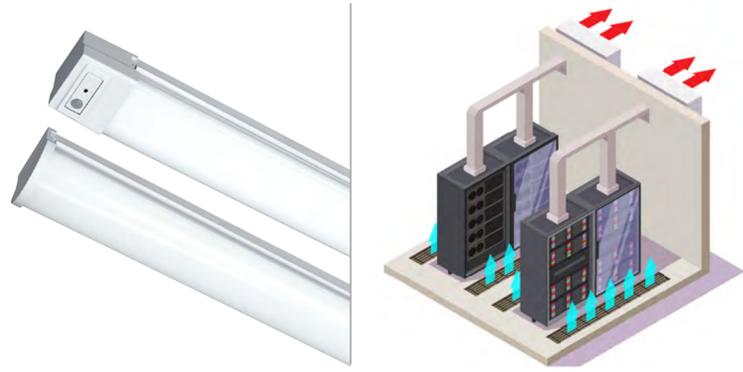5. Efficient in operation to manage energy usage and heat generation

TEMPERATURE CONTROL I STABILITY

Keep Your Cool

MPS QS NX | Columbia LIGHTING

Hot containment areas and cool zones have unique lighting requirements.

Columbia Lighting's Multipurpose Linear, MPS is designed for both areas.

- The MPS delivers up to 10,000 lm per 4' section for cool zone area maintained below 40°C.
- In Hot Aisles where temperatures can reach 50°C, MPS delivers up to 5,000 lm per 4' section

SECURITY
Risk Reduction

Proper lighting matters.

Well-lit spaces are key to keeping your data center safe and secure. Our LED lighting solutions enhance visibility, making it easier to navigate, avoid hazards, and quickly access critical equipment.

Uniform light distribution eliminates dark spots, helping you identify any issues in racks and servers swiftly, ensuring a safe, comfortable work environment.

NX LIGHTING CONTROLS

NX LIGHTING CONTROLS AND SOFTWARE

One Platform, Boundless Solutions

NX Lighting Controls offer a comprehensive portfolio of simple, scalable and seamless solutions for indoor and outdoor applications from a single partner.

Our advanced technologies provide intuitive and flexible deployment options for data centers that adhere to code, enhance comfort, increase energy savings and meet all your application and energy efficiency needs.

Sensors
Current offers a broad selection of Occupancy Sensors. Utilizing IntelliDAPT® technology, our Sensors analyze the controlled area to make automatic adjustments in both sensitivity and timing settings for optimal performance, energy savings and maintenance-free operations.

Lighting Control Panel
Robust and reliable—select from the standalone, simple, flexible modular CX Commercial Lighting Control Panel or the NX Lighting Control Panel (NXP2 Series), which is fully scalable, easy to install, and easy to program & control from the NX Lighting Control Mobile App or Site Manager.

NX Connect
The complete line of wireless enabled and battery operated devices provide zonal room based lighting control and allows contractors to install, commission and meet local code quickly and efficiently.

NX Room Control
Fully distributed digital lighting control solution for standalone and networked applications. With a plug-and-play auto-configuration feature, NX delivers a quick and simple means to reduce installation time, meet code, and enable manual, daylight or scheduled based control at the room level.

NX Wireless
With the removal of wires and simple programming through mobile app or enterprise software, NX Wireless delivers design simplicity, reduced installation time and low-cost code compliance for both retrofit and new construction.

NX Mobile App
The NX Lighting Controls App provides Bluetooth® wireless setup and configuration of NX System devices and luminaires equipped with an NX In-Fixture module with smart sensor.

NX Site Manager
Intuitive, easy to use, built-in web server provides real-time programming and management of the NX Lighting Control System.

One System Wired & Wireless
Inside & Out

Intelligence is in our DNA

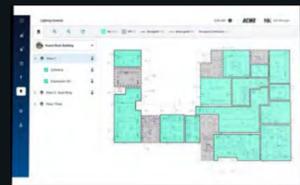- Utilizes a Distributed Network Architecture (DNA) to deliver unmatched reliability and scalability

Indoor & Outdoor Deployment

- Single System for any commercial site spanning indoor and outdoor applications

Connected Lighting Portfolio

- Broad offering of NX enabled luminaires that simplify installation and system costs

Site Management

- NX Network provides single user interface for system maintenance and configuration

Building Integration

- The NX system is BACnet certified ensuring a seamless experience with existing building management systems

NX Mobile App for System Configuration & Programming

Network and Software Interfaces for System Management

NX Lighting Control Panels

NX Room Control

NX Enabled Indoor Luminaires
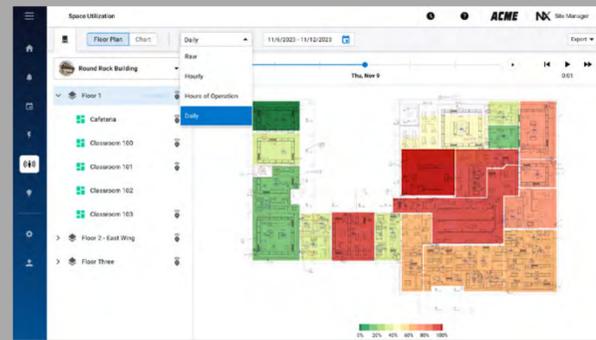
NX Enabled Outdoor Luminaires

NX SITE MANAGER

Innovative Monitoring

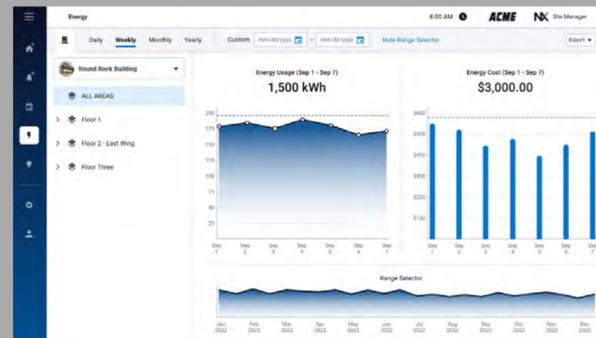Monitor and schedule system-level control from a central location.

More than a control system, NX Site Manager enables a controls strategy.

What is NX Site Manager Software?

- Easy to set up, Site Manager is a web-based, flexible way to manage your facility's lighting portfolio effectively and efficiently.

- Centralize scheduling and monitor lighting to ensure that all your facilities are performing uniformly across the entire region or network.

- Scale up to integrate with building management systems via BACnet protocols.

- Meet your smart building needs today or in the future with enterprise-level web APIs.

Playback Space Utilization Over Multiple Timelines

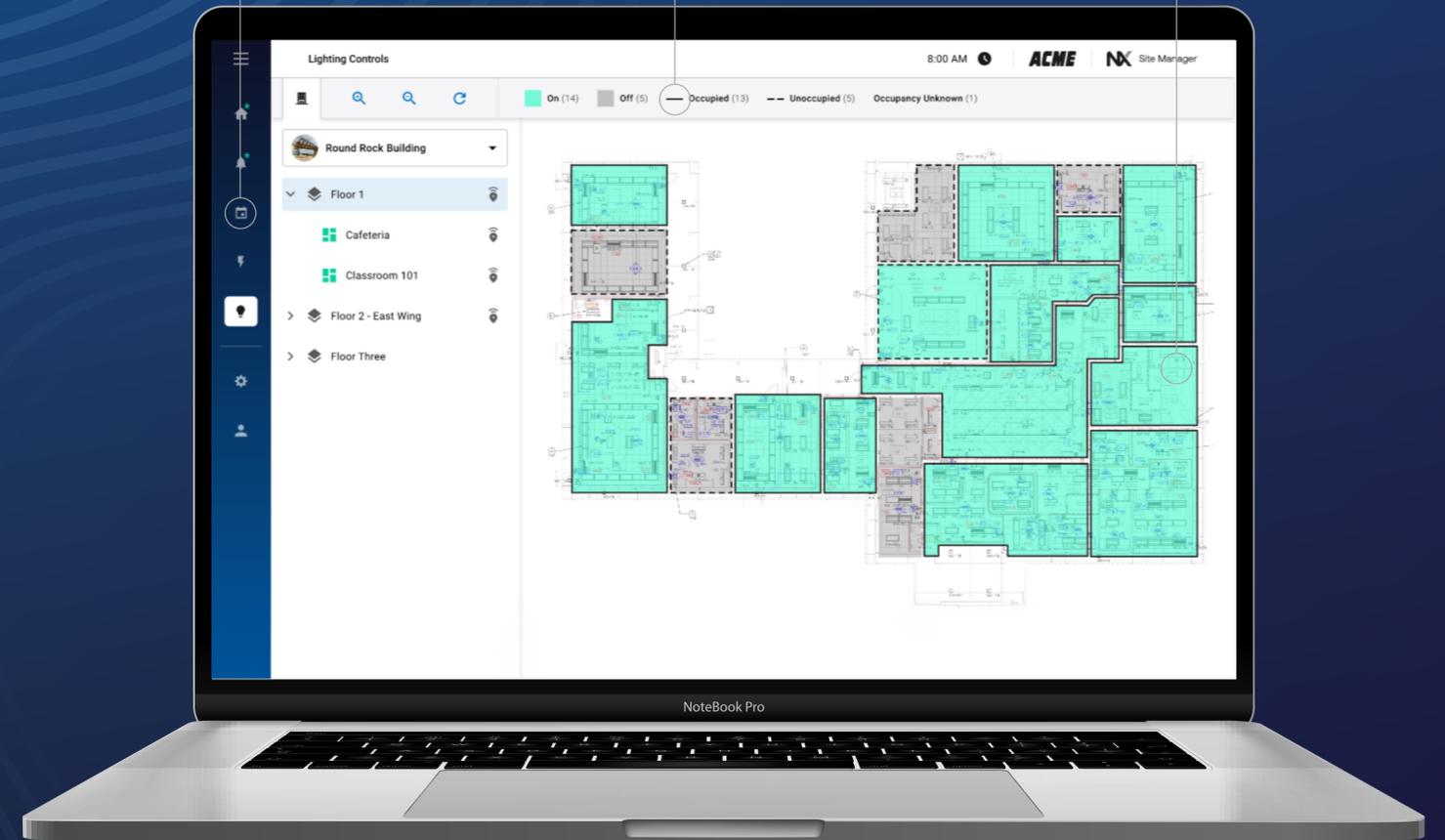**View Lighting Energy Usage in Energy Dashboard**

View Facility Schedules in Multiple Calendar Views

Maximize building performance with advanced scheduling

Get secure reporting and scheduling for entire facility network needs

Real-time, actionable data and analytics

DUAL|LITE®

Your Safety is Our Concern

Central Battery System

The ELSS system simplifies maintenance by supplying emergency power and Spectron® Self-Diagnostics capability to compatible exit and emergency remotes from a centralized location up to 200 feet away. Customize to meet the unique needs of your educational space by choosing a mix of ELSS compatible remotes suitable for indoor, outdoor, and industrial environments all on one system.
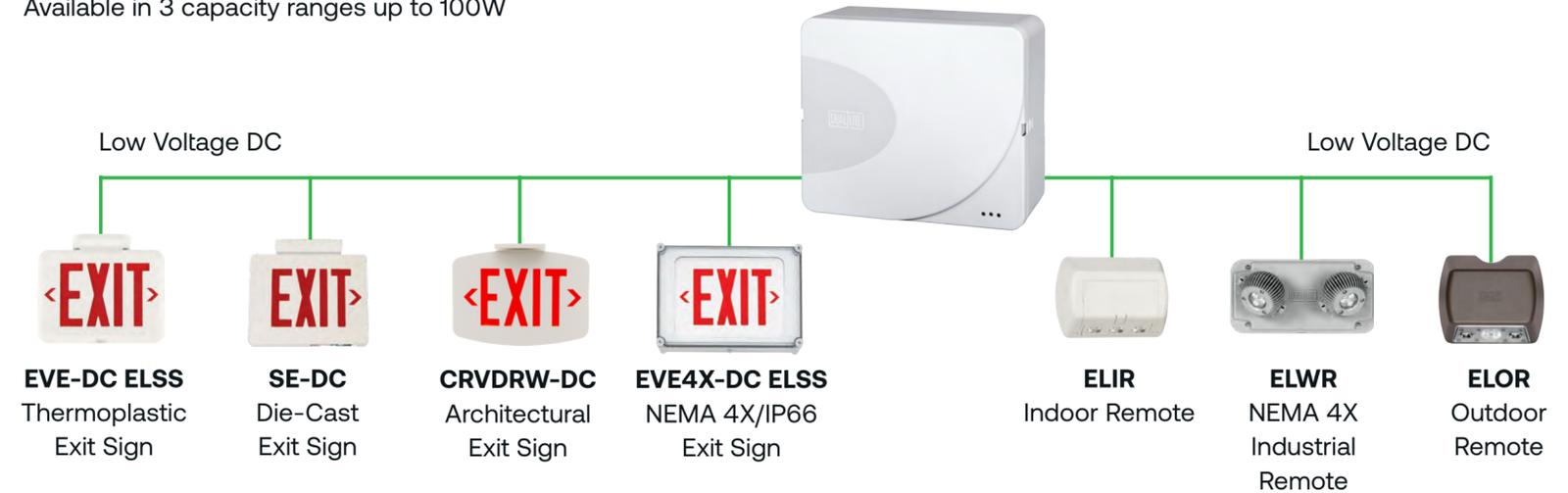
Inverters

In an emergency, life safety is the number one priority in any facility, but data centers have additional, more specialized needs. Central lighting inverters can play a vital role.

Uninterruptible central lighting inverters ensure steady, clean power to lighting loads and critical systems in both normal and emergency conditions, protecting sensitive IT equipment from power disruptions that result in data loss but can also supply backup power to essential auxiliary loads like cooling, fire suppression, and security systems, effectively preventing expensive downtimes.

ELSS Central Battery System

Available in 3 capacity ranges up to 100W

Low Voltage DC

Low Voltage DC

EVE-DC ELSS
Thermoplastic
Exit Sign

SE-DC
Die-Cast
Exit Sign

CRVDRW-DC
Architectural
Exit Sign

EVE4X-DC ELSS
NEMA 4X/IP66
Exit Sign

ELIR
Indoor Remote

ELWR
NEMA 4X
Industrial
Remote

ELOR
Outdoor
Remote

**Synchron
DLS Series**
Single Phase Inverters
750 to 2100 VA capacity
UL 924 Life Safety listed

LSN Series
Single Phase Inverters
1 to 17.5 kVA capacity
UL 924 Life Safety &
UL 1778 UPS listed

Features & Benefits:

- **"No break" design** transfers the load instantaneously when normal power is interrupted.

- **Works with existing** interior and exterior lighting fixtures saving time and money.

- **Full lumen output in emergencies** enhances safety and promotes calm evacuation.

- **Centrally located maintenance and communication** capabilities sends test results or alarm conditions to maintenance personnel (LSN) to ensure optimal performance and compliance.

DUAL-LITE OFFERS ADDITIONAL CENTRAL LIGHTING INVERTER FAMILIES IN SINGLE AND THREE-PHASE CONFIGURATIONS.

Current

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Currentlighting.com

Rev 07/29/25
Cur_COL_HLI_VM_DataCenter_R01