Lighting solutions
Product guide

Connecting you to the power of one Eaton

Connecting you to LED innovation

Connecting you to industry-leading education

Connecting you to the freedom of control

Innovation you can rely on. Connections you can build on.

Cooper Lighting
by Eaton
Eaton’s Cooper Lighting business is where innovation takes control, connecting advanced LED technology with groundbreaking control systems.

**Innovation** you can rely on.
**Connections** you can build on.

**Power of one Eaton**

The Eaton acquisition of Cooper industries has propelled a trusted industry leader into the global limelight, redefining LED advancement and providing more efficient energy solutions to energize your business. Drawing on 100 years of electrical power management expertise, Eaton will continue Cooper Lighting’s dedication to expertise as one fully integrated powerhouse. Combining two industry leaders under the power of one Eaton, we’re offering a deeper portfolio of products, services and solutions across more markets than ever imagined.

Expanding our products. Expanding our thinking. Energizing your business.
Fixture Based
Room Based
Networked
Enterprise

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Scalable control system
Eaton’s Cooper Lighting business connects visionary LED advancements to the latest controls technology, exceeding even the strictest controls requirements and delivering unparalleled performance.

1. Integrated sensor
Intuitive. Intelligent. Integrated.
Combining the control within the lighting reduces design time and eliminates the complexity of meeting energy codes all while achieving the lowest installation cost. Our integrated sensor system is designed to guarantee occupancy and daylight harvesting from within the footprint of the luminaires . . . so the lighting design is the control design.

2. Greengate room controller lighting system
Create a scene while ensuring code compliance
Ideal for conference and training room applications, the Greengate® room controller lighting system minimizes installation and set-up time while maintaining design integrity. Our single-box, in-room system incorporates occupancy sensing, daylighting, receptacle control, demand response and manual controls, as well as patent-pending UL 924 skylight control with no additional programming required.

3. Greengate wireless technology
Optimum energy control right at your fingertips
Interoperable with Wi-Fi enabled devices, Greengate® wireless technology provides the opportunity to connect sensors, luminaires and access points in a seamless and secure way. Our technology uses Wi-Fi data connections eliminating the need for hard wiring, while delivering on performance and cost efficiency.

4. Fifth Light addressable system
Lighting management system for maximum building performance. Featuring DALI 2 protocol.
Fifth Light is a flexible, simple-to-install and cost-effective distributed lighting control system that maximizes a building’s operational efficiency. Using the web-based software, facility managers can easily manage and administrate an entire lighting system based on the data gathered from the devices connected to the Fifth Light addressable system.
AccuLED Optics
Innovation meets precision for longer-lasting light
The AccuLED Optics™ system sets the benchmark in efficiency. Featuring 15 precisely designed optical distributions, our innovative and flexible system delivers stunningly sharp light and up to 95% lighting efficiencies. Shaped light distributions create uniform illumination exactly where needed delivering more lumens with fewer light sources and ultimate design freedom.

WaveStream LED
Taking control of light
WaveStream™ LED is an integrated set of components smartly designed to maximize the amount of light sent into an optical-grade acrylic panel. As light travels through the acrylic it gets reflected and redirected by advanced prisms called AccuAim optics, into precise distribution patterns. WaveStream LED takes design flexibility to an entirely new plane.

D²W warm dimming
Evoking an emotional response through LED innovation
Combining the warmth of incandescent sources with the sustainability of LED, D²W warm dimming technology easily adapts to both point source and ambient luminaires along with the flexibility of two dimming response curve options—incandescent or tungsten-halogen.

The ReSource digital hub
Developed to inspire and educate designers, architects, builders and students; the ReSource includes advanced tools, calculators and the latest technology all easily accessible in one place 24/7.

CEU classes
Empowering the next generation of industry leaders
For over 20 years, Eaton’s Cooper Lighting business has paved the way for the next generation of industry leaders with our e-learning services and the SOURCE, our state-of-the-art education facility.

BIM models
BIM is more important than ever. We get it.
Eaton’s Cooper Lighting business is the industry BIM leader, offering the largest library of high quality, up-to-date BIM files and a certified, on-staff BIM professional.

Energy
Award winning innovation that makes a difference
Our dedication to energy extends beyond best practices. It includes not only manufacturing product using the most innovative energy saving technology, but also providing energy focused education and resources to our customers.

Application photography
Images of innovation
Beautiful and efficient lighting for every application is what drives our innovative passion.

Case studies
The proof is in the finished products
Explore case studies with illuminating real-world examples of our innovative and reliable products and solutions.

Advanced LED technology
Visionary LED advancements designed to deliver unparalleled performance across our broad portfolio of residential, commercial, industrial and architectural luminaires.

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The Corelite RZL LED suspended luminaire is a linear direct/indirect LED continuous row system, providing high quality, efficient illumination with high efficacies, surpassing 100 lumens per watt, while also offering low power consumption for open ceiling environments. The RZL fixture is available in 4’, 8’ and 12’ modular sections and is designed for easy installation to save time and labor costs. The luminaire is ideal for achieving horizontal and vertical uniformity in a variety of building environments including aisles, open offices, retail, and low bay applications.

The Neo-Ray Define LED linear recessed luminaire with optional integrated sensor control system characterizes the ultimate in minimalist simplicity by providing clean, uniform lines of illumination. Powered by Eaton’s most advanced linear LED technology, the Define series eliminates socket shadows and the necessity to stock multiple lamp lengths, all while delivering outstanding efficacy in a variety of profile widths including 1”, 2”, 3”, 4” and 5” widths. Lengths are specifiable to the nearest inch, a trait unique to LED systems, and allow an architect unlimited options when defining architectural details. The product has the truly innovative ability to accommodate different ceiling interfaces on either side of the fixture becoming the transition between different ceilings and further delineating the space. The Define series is available with an optional integrated sensor control system, optimized to meet energy codes for occupancy sensing and daylight harvesting.
Utilizing the patented AccuLED Optics™ system to deliver high optical performance, the Ametrix ASYX 2.0 asymmetric LED indirect-direct luminaire family is a new product line providing a wide range of lumen levels to accommodate most ambient applications. The products are offered with four color temperatures (2700K, 3000K, 3500K, 4000K), two optical distributions (forward and wide), six shapes and sizes, seven light levels and three mounting options (wall, single pendant and dual pendant). The fixtures are rated for indoor, outdoor (with the exception of the largest six square size) and for natatorium or pool environments. Luminaires can be mounted upward or downward. The product family features standard 0-10V dimmable drivers with optional Fifth Light Digital Addressable Lighting Interface (DALI) driver for complete energy management. The family is also available with an integrated sensor control system that allows for additional control and energy savings.

What’s new in Architectural Lighting

New York City LED streetlight

The New York City LED streetlight is an architectural roadway luminaire featuring a patented, high efficiency AccuLED Optics™ system that provides superior optical control and energy-conscious illumination. Designed to meet the New York City (NYC) streetlights program’s strict technical and aesthetic design requirements, the streetlight is the first fixture to be approved in the program’s “Modern” category. As LED technology continues to improve, the fixture’s four replaceable modules allow for easy installation or replacement to adapt to changing standards.

ASYX 2.0
Ametrix

Fifth Light Addressable lighting control system

The Fifth Light addressable lighting control system conserves energy, reduces operating costs and improves light quality to maximize a building’s performance. The system enables facility management to measure and control energy consumption across individual fixtures, as well as provide for the integration and control of other building management systems across multiple applications. The system provides two-way communication and control with each lighting fixture of any load type, sensor or control device in the building and report and alarms of energy and maintenance data. The management system can control a floor, building or campus of buildings from any web accessible device with up to 2500 simultaneous users.

Greengate
Room controller lighting control system with scene-based controls

The room controller lighting system now brings additional value to applications like conference and training rooms with programmable scene wallstations and handheld remote controls. Features including auto on to scene, auto on to 50 percent or manual on, make it simple to meet the current ASHRAE 90.1 code and CA Title 24. The in-room-based system incorporates occupancy sensing, daylighting, receptacle control, demand response and manual controls, as well as a patent-pending, Underwriter Laboratory 924 listed relay and integral skylight control all integrated into one comprehensive solution. The system features plug-and-play devices, receptacle controls and multi-zone daylighting that doesn’t require any additional programming. It is a quick, easy-to-install and extremely efficient solution for a range of applications.
What’s new in Commercial & Industrial

Offering a broad product portfolio, suitable for many building projects, our visionary LED advancements deliver unparalleled performance no matter the application. And, our products exceed the requirements to maximize energy savings and meet local code requirements.

MH4LED - retrofit

The IRIS product line is unveiling the MH4LED lamp module for use with 4” square housing platforms and open, lens and lens wall wash trims. The LED module combines segmented optics with an A-Line shaped glass diffuser delivering exceptional color quality and light control. It's also available with a dim to warm option that mimics black body dimming. The MH4LED module can be used to retrofit tungsten-halogen, compact fluorescent and ceramic metal halide lamp modules in existing IRIS installations. The module can also be used for new construction targeting both prestige residential and commercial applications. The light engine is provided with driver module, installs from above the ceiling or through the aperture and dims to one percent using phase cut controls.

4” & 6” Adjustable downlight

Portfolio

The Portfolio 4” and 6” aperture adjustable products are the latest LED additions for accent lighting and sloped ceiling applications. Offered from 1000 to 6000 lumens, the series can be used at many ceiling heights and applications. The downlights allow for 361-degree rotation and up to 46-degree tilt and feature field changeable optics for the ultimate flexibility. The optics are offered in three beam distributions with a choice of angle cut, lensed wall wash, lensed and flat cut downlight reflectors. The products are available in four color temperatures (2700K, 3000K, 3500K and 4000K) and in 80 or high color quality 90 CRI. ENERGY STAR® certified, the downlights feature standard 0-10V dimmable drive with a Fifth Light Digital Addressable Lighting Interface (DALI) driver option for complete digital energy management using the scalable Fifth Light controllers and software.
The Night Falcon™ LED floodlight luminaire combines high-efficiency optics, superior thermal management and energy efficiency in a cost effective solution. The compact, robust design incorporates a separate driver compartment for maximum heat dissipation to insure longevity of both the fixture and the optics. The Night Falcon luminaire uses precision-engineered optics delivering superior uniformity and excellent illumination to the targeted application. Typical applications include area lighting for security, building facade lighting, accent and signage lighting in both commercial and industrial applications.

The Metalux Cruze LED series combines advanced LED technology with a fully luminous sleek and clean center lens profile to generate optimal light uniformity and enhanced visual comfort. The series is offered in 2’ x 2’ and 2’ x 4’ configurations with a choice of four unique lens options, four color temperatures (3000K, 3500K, 4000K and 5000K) and multiple lumen packages with 0-10V dimming standard. A hinged door offers tool-less entry from below ceiling for easy installation and maintenance. Metalux Cruze luminaires are available with an optional integrated sensor system, optimized to meet energy codes for occupancy sensing and daylight harvesting. Cruze series is perfect balance of form and function delivering energy savings, visual comfort and payback all at an exceptional value.

The integrated sensor option is available for the Metalux Encounter™ and SkyRidge™ LED luminaire families. The innovative luminaire-integrated sensor control system is optimized for code-compliant occupancy detection and daylight harvesting. The integrated sensor system offers out-of-the-box operation using thoughtful default settings, but when the application demands more, the sensor system has the option to make changes using a remote control. The remote allows changes from the default settings for occupancy, target light level, preset lighting levels and more. Factory wired to the luminaire, the sensor switches on or off based on occupancy and dims the light when enough daylight is available. With a single product to mount and a single electrical connection to make, customers save money on the total installed cost when occupancy and daylight harvesting controls are needed.
Commercial & Industrial products

Halo

- RL4 series
  4" Retrofit downlight
- RL56 series
  5" & 6" Retrofit downlight
- RA4 series
  4" Retrofit adjustable gimbal
- RA56 series
  5" & 6" Retrofit adjustable gimbal

SLD series
Surface downlight

Art glass
Track pendants

New

ML56 series
5" & 6" Downlight

H4 adjustable & gimbals
4" Round & square

HU10 & HU20 series
Undercabinet fixture

New

HL6 ALLSLOPE
6" Downlight & slope

L806 & 807 series
Track fixtures

IRiS

- PN4
  4" Square downlight
- Portfolio
  Round downlight
  6" & 8" Round downlight

PD6 Commercial
6" Downlight

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Lumark

- Verdeon Area & site luminaire
- Caretaker Area & site luminaire
- Navion Area & site luminaire

LumaWatt

- Quadcast Parking & canopy luminaire
- Outdoor wireless Control & monitoring

McGraw-Edison

- Crosstour & Crosstour MAXX Wall pack & flood luminaire
- TopTier Parking & canopy luminaire

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