

# in a New Light

Cooper Industries, has been providing innovative solutions in industry for more than 176 years, we believe that technology and innovation delivers value to you the customer. Our team will develop Lighting and control solutions helping your business meet its energy goals and get started on a global energy plan.

Whether you are designing a new facility or upgrading an existing facility, Cooper Lighting is your one source for energy efficient lighting and controls solutions. Our customers rely on our expertise and comprehensive solutions that reduce operating costs, meet requirements, and provide the best possible return on their investment. Reach out to Cooper Lighting at [www.cooperlighting.com](http://www.cooperlighting.com) to get started.

Let Cooper Lighting help you Step up to Energy Efficiency and Control!



**Cooper Lighting, LLC.**  
1121 Highway 74 South  
Peachtree City, GA 30269  
P: 770-486-4800  
F: 770-486-4801  
[www.cooperlighting.com](http://www.cooperlighting.com)

**International Sales USA**  
Cooper Lighting  
1121 Highway 74 South  
Peachtree City, GA 30269  
P: 770-486-4800  
F: 770-486-4801

**Canada**  
Cooper Lighting  
5925 McLaughlin Road  
Mississauga, Ontario L5R 1B8  
P: 905-507-4000  
F: 905-568-7049

**The Cooper Lighting Family**  
Halo  
Metalux  
Lumark  
Sure-Lites  
Neo-Ray  
Corelite  
Portfolio  
Iris  
Shaper  
io  
Lumière  
Invue  
McGraw-Edison  
Streetworks  
Fail-Safe  
PDS  
MWS  
RSA  
Ametrix

**Domestic Facilities**  
Cranbury, New Jersey  
Elk Grove Village, Illinois  
Irving, Texas  
Ontario, California  
Peachtree City, Georgia

**Canadian Facilities**  
Calgary, Alberta T2E 7V9  
Mississauga, Ontario  
Canada, L5R 1B8

Cooper Lighting and its brands are valuable trademarks of Cooper Industries in the United States and other countries. You are not permitted to use the Cooper Trademarks without the prior written consent of Cooper Industries.

**Cooper Industries plc**  
600 Travis, Ste. 5600  
Houston, TX 77002-1001  
P: 713-209-8400  
[www.cooperindustries.com](http://www.cooperindustries.com)

## Total Lighting Solutions for Food Processing Environments

# Food & Beverage Facilities...

## The Opportunity

In a competitive global market Cooper Industries understands the demands placed upon facilities to lower their operational costs at the same adopting new initiatives to become better stewards of the environment. Increasing costs of energy coupled with federal food safety requirements make saving energy a challenge to plant and maintenance managers. Lighting plays a key role in the ability to keep these facilities clean, safe and to maintain the highest quality production standards.

There are many areas within a facility that require specific certifications, ratings, and classifications. Cooper Industries can provide solutions that encompass these requirements and properly match the product to the application. For example, the demands of a Warehouse space will be different than those in a Splash-Zone. Our product portfolio bridges across all areas of a food and beverage operation from office and exterior to Non-Food Zones and Splash Zones. Recent introductions of energy efficient fluorescent, induction, and solid state LED solutions suited to operate in Demanding Environments including Cold Storage offer new avenues to save energy and maintenance dollars without compromising the lighting levels.

Newly adopted State and Federal Energy Codes are significant drivers and considerations for your next energy project. Our professionals can help you navigate these waters to find a solution that is right for your business.

Further energy savings can be obtained by considering how you control your lighting system. By understanding how your facility is utilized a controls package may be able to drive an additional 30% savings from your operation. Combinations of sensors and smart lighting panels applied into the space can maximize energy savings, and for renovation and new construction help you comply with your states energy code.



# Food Processing

Non-Food Zone

1

Splash Zone

2

Hazardous

3

Warehouse/  
Conditioned  
Storage

4

Life Safety

5

Security/Site

6

General Areas

7

Lighting Controls/  
Energy  
Management

8

Equipment surfaces other than those in the Food Zone or Splash Zone (NSF 170 3.223.4).



Equipment surfaces, other than those in the Food Zone, that are subject to splash, spillage, or other food soiling during normal operation of the equipment (NSF 170 3.223.6).



The National Electrical Code (NEC) defines hazardous locations as those areas "where fire or explosion hazards may exist due to flammable gases or vapors, flammable liquids, combustible dust, or ignitable fibers or flyings." Crouse-Hinds offers a full line of lighting solutions to address these needs.



**F-Bay**  
Industry leading fluorescent high bay, T8 or T5/T5HO technology offers instant on and off capability, multiple accessories, light distributions and mounting options.



**Micro-Bay**  
The Micro-Bay series is a functional and multi-purpose narrow profile fluorescent high bay that incorporates premium performance with durable construction. MBF series offers both high performance and application versatility with three optical configurations for general and aisle applications.



Full line of energy efficient UL Listed and NFPA 101 rated life safety products. Unique designs for institutional use while esthetically pleasing.



Comprehensive line up of fixtures to handle outdoor site and security applications, including energy saving LED Site and Wall products as well as traditional HID Sources for Flood and general area lighting.



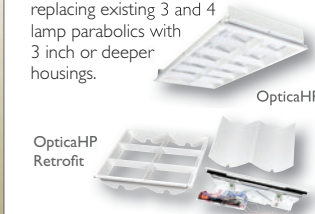
**Accord**  
Recessed direct/diffused T8 or T5/T5HO fluorescent fixture providing soft, even light distribution with a shallow depth of 3 inches.



**ClassR / ClassR Retrofit**  
Architectural alternative to lensed and parabolic fluorescents. High performance energy saving T5 and T8 lamp technology, coupled with 3 distinct housing depths to fit any need. 2x2 and 2x4 configurations available. Also available in a retrofit model replacing existing 3 and 4 lamp parabolics with 3 inch or deeper housings.



**OpticaHP / OpticaHP Retrofit**  
High performance, 2 lamp T8 parabolic, with 2 inch white louver provides comfortable lighting levels with exceptional energy savings. Available in 2x2 or 2x4 configurations. Also available in a retrofit model replacing existing 3 and 4 lamp parabolics with 3 inch or deeper housings.



**HALO LED**  
6 inch recessed LED Luminaire consumes 75% less energy than a 65w BR30 incandescent lamp. Dimmable down to 5% light output. Can be used in new construction or retrofit applications, virtually maintenance free. Four different color temperatures available: 2700°K, 3000°K, 3500°K, 4000°K. Three different light outputs available: 600, 900 and 1200 Lumen.



**Lighting Controls / Energy Management**

Full line of relay panels and energy management/monitoring systems for complete facility control of lighting systems and energy savings throughout the facility.

