LAMP & BALLAST CATALOG
Halco Lighting Technologies is a leader of lamp and ballast solutions for commercial, industrial, residential and specialty lighting applications. Established in 1974, Halco is headquartered in Atlanta with distribution centers in Carlstadt, Cleveland, Houston, Los Angeles and Phoenix.

where there’s light, there’s halco®
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Halco Lighting Laboratories, located at our Atlanta headquarters, is our state of the art NVLAP-accredited facility utilized for quality control and product development.
Halco Lighting Technologies offers one of the most comprehensive product lines in the industry, including the proprietary brands ProLED®, ProLume®, HaloXen®, Prism® and CoverShield®. Our manufacturing expertise is put to the test in our state-of-the-art, in-house NVLAP-accredited laboratory.

In addition to superior quality products, Halco contributes to the vibrant and responsible lighting industry through association membership and knowledge sharing. Together, we focus on key industry issues including legislation, environmental impact, energy-efficiency and process standards.

Halco focuses on being easy to do business with; illustrated by our knowledgeable and empowered customer service representatives and online support tools. As your partner, Halco strives to be your only choice for lamp and ballast products.
Knowledgeable, empowered customer service representatives serve as your dedicated in-house contact. Our representatives receive continuous product and industry training. They are your resource for product availability, pricing, order fulfillment and technical support.

In addition to our personalized service, Halco’s offers 24/7 electronic support at halcolighting.com, which is operated by our advanced enterprise software. Halco’s full-feature e-commerce website provides access to in stock availability, order entry, delivery status and order history for our distributor partners. You can also locate product information quickly with our online product search or category drill down. For a comprehensive directory of product literature, compatibility and application information as well as white papers, visit our online literature library.

Halco’s strategically located, fully stocked regional warehouses provide you maximum service with minimum transportation time and costs. Halco’s deep inventory levels of lamp and ballast SKUs increases your ability to service your customers. Every Halco distribution center adheres to our aggressive service policy to ship orders received by 2:00PM local warehouse time the same day. Will-call service is also available for your convenience. With distribution centers in Atlanta, Carlstadt, Cleveland, Houston, Los Angeles and Phoenix, we are able to deliver to over 85% of United States same day or next day.
As part of our commitment to quality and innovation, we operate our own state-of-the-art NVLAP-accredited testing laboratory at our headquarters in Atlanta. Based on a quality management system outlined in ISO 17025, Halco Lighting Laboratories features a goniophotometer for photometric testing as well as a temperature-controlled integrating sphere that tests environmentally sensitive products. We conduct a number of tests according to IESNA standards, including photometric distribution, light output, color and electrical properties. The Halco Lighting Laboratories product testing facility ensures continuous quality control and outstanding product performance.

At Halco Lighting Technologies, we are committed to quality and service. We measure our success by one standard, customer satisfaction. With this in mind, we offer you the following:

Should you encounter any product from Halco Lighting Technologies that fails to perform according to specifications, contact your account representative immediately. If our product is found to be defective in either material or workmanship, we will credit your account or replace the product at no charge. In order to better maintain our standard of quality, we reserve the right to inspect any defective product.

We make this assurance to clearly demonstrate our commitment to your satisfaction.
Throughout the years we’ve continued to invest in our partnership by growing our product offering, leveraging global manufacturing resources and developing a knowledgeable service team. As we look to the future, Halco remains committed to providing you innovative lamp and ballast products with unparalleled service.

When you think lamps and ballasts, think Halco.
LED LAMPS

Halco has one of the most comprehensive LED lamp offerings available in the industry, boasting impressive savings of up-to 88% in energy costs. Our award-winning LED product line features an unrivaled combination of efficiency, long life and light output, providing the best overall performance in LED technology. ProLED® products utilize the highest quality components, including USA and Japanese chips, precision manufactured optics, optimally engineered drivers and special heat sinks for superior thermal management.

High Power LED Lamps
All high power ProLED® products are specified at 40,000 hours rated life to L70, meaning the lamp will provide 70% of its initial specified lumens at rated life. Backed by a 5-year warranty, these lamps provide consistent lamp-to-lamp color, precise beam control and reduced maintenance. Our MR, Reflector and PAR lamps are available in multiple beam spreads, wattages and colors.

JC Type Lamps
Halco’s ProLED® JC lamps are rated up-to 40,000 hours and backed by a 5-year warranty on IP65 Rated and 2-years on standard JC lamps. Available with bi-pin and bayonet base types, these lamps offer reduced maintenance and do not project heat. ProLED® JC Lamps are available with bi-pin and bayonet base types, in 3000K and multiple colors, 10-18V input voltage range and IP65 rated options for outdoor use.

Energy Efficient Alternatives
Halco’s ProLED® offering features a wide variety of energy efficient alternatives to traditional lamp types. Ideal for replacement and retrofit, ProLED® lamps include the award-winning Elevator lamps, Chandelier lamps with cream, chrome and brass base options, Decorative B10 and CA10 lamps, clear and color Sign lamps, colorful C7 & C9 lamps, Decorative Globe and Linear T8 lamps.

Environmentally Responsible
Halco’s offering of ProLED® lamps contain no mercury or lead (RoHS compliant) and emit no ultraviolet and infrared radiation.

ENERGY STAR® Rating
Halco’s ENERGY STAR products deliver exceptional features while generating savings for consumers. For our most current ENERGY STAR products, please visit our literature library at www.halcolighting.com/download.
COMPACT FLUORESCENT LAMPS

ProLume

Compact Fluorescent lamps are specified for a growing number of applications, especially where the objectives are energy savings and reduced maintenance costs. In fact, they save up-to 80% in energy costs and last up-to ten times longer than standard Incandescent lamps. ProLume® has become a popular choice due to our wide range of high performing, reliable products.

Eco-Shield®
The Eco-Shield mark indicates TCLP compliant lamps, a smart choice for environmental responsibility.

Plug-In Lamps
Halco’s TCLP compliant lamps ensure energy efficiency and light levels. These lamps are available in 2700K, 3000K, 3500K, 4100K and 5000K. Common applications include wallwash units, flood lighting, low bays and desk lamps. Our lamps offer up-to 20,000 hours average rated life and are available in 5 to 57 watts.

High-Lumen Long
Flicker-free performance, increased optical control and up-to 85 lumens per watt make these lamps an economical alternative to T8 and T12 U-Bend lamps. Offering up-to 20,000 hours average rated life, our high-lumen lamps are TCLP compliant and are backed by a 1-year warranty.

Self-Ballasted CFLs
Instant-start electronic ballast technology gives these lamps reliable starts even in cold applications. Available in a wide variety of lamp types including dimmable, reflectors, decorative and bare spirals to meet almost any need.

ENERGY STAR® Rating
Halco’s ENERGY STAR products deliver exceptional features while generating savings for consumers. For our most current ENERGY STAR products, please visit our literature library at www.halcolighting.com/download.
Advancing technologies and environmental focus have changed the face of Linear Fluorescent lighting. From ultra thin and efficient to specialized applications, Halco has your lighting needs covered with an assortment of reliable ProLume® Linear Fluorescent lamps and ballasts.

**Eco-Shield®**
The Eco-Shield mark indicates TCLP compliant lamps, a smart choice for environmental responsibility.

**CEE**
Halco is proud to offer one of the largest listings of CEE lamps in the industry, defining efficiency and high-performance lighting products and encouraging the use of energy-efficient products.

Participating utilities across the U.S. commonly offer significant rebates to commercial and industrial customers that utilize CEE qualified high performance and reduced wattage ballasts and lamps in new construction, replacement and retrofit projects. For an up-to-date list of our CEE listed items, please visit www.halcolighting.com/download.

**Lamp and Ballast Systems**
Imagine increasing lumens per watt performance while reducing total power consumption.

ProLume reduced wattage T8 lamps are perfect in applications that require near equivalent or slightly less light than standard 32W T8 lamps. ProLume lamps feature a performance-enhancing tri-phosphor coating that improves both the light quality (CRI) and efficiency of the lamps.

**System Warranty**
Halco’s Linear Fluorescent lamps are engineered to provide optimum performance when operated by a ProLume ballast. In fact, Halco extends the warranty of its Linear Fluorescent lamps when installed with a new ProLume ballast for a maximum of three years from date of original installation. See warranty for details at www.halcolighting.com/download.
Utilizing the latest technologies, Halco offers a broad selection of Metal Halide, High Pressure Sodium and Mercury Vapor lamps that cover a wide range of common and specialty applications.

**Ceramic Discharge Metal Halide**
Halco’s Ceramic Discharge Metal Halide (CDM) lamps offer an array of benefits including excellent color rendering, energy efficiency and long life. They offer up-to 16,000 hours average rated life and feature a single piece arc tube design for a more defined white light.

**Pulse Start Metal Halide**
Pulse Start lamps provide a quick re-strike, up-to 110 lumens per watt and 20% higher lumen maintenance than standard Metal Halide lamps. ProLume Pulse Start lamps are available in 50 to 1000 watts.

**Protected Metal Halide**
Designed for operation in open fixtures, these shrouded MP lamps are available in both Pulse Start and Standard Metal Halide. The protective quartz shroud surrounds the arc tube, providing both safety and UV filtering.

**Specialty Metal Halide**
ProLume aquarium, color and safety coated Metal Halide lamps are available in a variety of lamp types to fit your special application needs.

**High Pressure Sodium**
ProLume offers a complete line of High Pressure Sodium (HPS) lamps for general lighting applications. These lamps are extremely energy efficient and are a good choice for lighting large areas where color rendering is not crucial and long life is desired.

**Mercury Vapor**
Mercury Vapor lamps produce an efficient white light and are a cost effective light source for general and security lighting. ProLume Mercury Vapor lamps range from 50 to 1000 watts and are available in traditional HID lamp shapes as well as A23 and R40 shapes.
Halco offers a broad selection of Halogen lamp types, wattages and bases to meet lighting needs for general, display/accents, and retail applications. HaloXen® lamp technology utilizes a mix of Halogen and Xenon gas that improves efficiency and lamp life over standard Halogen lamps. HaloXen® lamps provide integrated UV protection, elevated color temperature and a crisp, white light throughout the life of the lamp.

Replacements for Legislated Halogen PAR Lamps
Halco has developed three unique options for replacing 45 to 120 watt Halogen PAR lamps affected by DOE energy conservation standards. Our three solutions address various marketplace performance and value considerations so you can match each customer with the right lamp:

1 HaloXen® PAR Reflector Series
An economic and energy efficient alternative to legislated PAR20, PAR30, PAR30L and PAR38 Halogen lamps. HaloXen® PAR Reflector 130V options are available for customers with voltage spike concerns.

2 HaloXen Silver PAR Series
Pair a Xenon burner with a silver reflector to improve efficacy by up to 30% over standard Halogen PAR lamps. HaloXen Silver PAR lamps that offer up to 19.75 lumens per watt.

3 XIR Infrared PAR Series
Utilize an infrared capsule to achieve up-to 30% higher lumens per watt than standard Halogen lamps and have an average rated life of 3,500 hours. XIR Infrared PAR lamps replace standard 75W PAR30, PAR30L and PAR38 lamps.

Replacements for Legislated Incandescent A19 Lamps
PRISM® Halogen A19 lamps are the ideal replacements for Incandescent A19 lamps affected by the standards enacted by the Energy Independence and Security Act (EISA). These lamps deliver the same light quality as Incandescent lamps while using 28% less power. Clear and soft white Incandescent replacements are available.
Our General Service and Decorative Incandescent lamp offering is one of the most comprehensive product assortments available from a single source. Halco’s extensive global manufacturing capabilities ensure both selection and quality in our Incandescent lamp family.

Halco® and PRISM® brands each represent specific product segments targeted to fit various needs from industrial, commercial, or residential markets. Residential products are identified with the Halco brand and are packaged for retail presentation. PRISM® branded products signify long life, value-added lamps for industrial/commercial applications. With so many options, there is a Halco lamp for every need.

**PRISM® Long Life Plus**
Constructed using a heavy-duty staggered support C-9M filament, these 5,000 hour 130 Volt lamps provide long life and are suitable for rough service applications. Halco offers a large assortment of lamp types and wattages sure to meet all industrial/commercial applications.

**PRISM® Ultralife**
Designed using the same heavy-duty filament as our Long Life Plus lamps, these industrial/commercial lamps utilize a krypton gas fill to maximize lamp life up-to 20,000 hours. Ideal for hard-to-reach or high ceiling applications, UltraLife lamps are available in a variety of wattages and lamp types.
Halco offers a wide variety of Specialty lamp types and lamp accessories to meet diverse application needs, including Photo/Projection/SSTV lamps, Miniature lamps, Safety Coated lamps, Sealed Beam lamps, Socket Adapters and Tube Guards.

**Photo/Projection/SSTV**
Halco offers an array of ANSI-coded Photo, Projection and SSTV lamps that are precision built to maximize light quality, control and stability in order to meet the needs of various specialty applications.

**Miniatures**
Miniature lamps are designed for applications which include aircraft, auto, marine, railway indicator and truck, as well as emergency, garden, indicator, instrument, microscope, radio and telephone indicator products.

**Sealed Beam**
These ANSI-coded PAR lamps are available in a number of wattages that feature beam spreads and sizes to meet an assortment of lighting needs. Halco sealed beam lamps are manufactured to the highest quality standards and comply with strict ANSI specifications.
Shatter Resistant Lighting

CoverShield®, Halco’s safety coated product line, features a comprehensive offering of shatter-resistant lamps and coatings designed to meet a variety of application requirements. Types of coatings vary depending on the lamp application. In high heat environments, for example, PFA is used while other industry leading materials are applied elsewhere. The CoverShield product line includes Compact Fluorescent, Linear Fluorescent, Incandescent, Halogen and Metal Halide lamp categories.
Halco’s ProLume® Electronic Fluorescent ballasts are designed with energy efficiency, reliability, ease-of-use and reduced maintenance costs in mind.

**ProFormance® Ballasts**
Halco’s exclusive ProLume ProFormance Electronic ballasts, identifiable by the “EP” product code prefix, feature high power factor, less than 10% THD, and are available in both multi-volt and dedicated voltage models. ProLume ProFormance ballasts are renowned for their guaranteed versatility, efficiency and minimal power loss.

**Multi-Volt**
Operating on a universal input voltage between 108 and 305 volts, ProLume ProFormance Multi-Volt ballasts utilize a single power lead that doesn’t require special wiring. This feature simplifies ordering, reduces inventory costs and provides peace-of-mind that one ballast can be used in multiple applications.

**Electronic Upgrades from Magnetic T12 Ballasts**
Halco offers a number of electronic solutions for replacing magnetic T12 ballasts. ProLume Electronic ballasts provide more than 20% energy savings compared to their magnetic counterparts. Furthermore, ProLume Electronic ballasts are quieter, provide flicker-free operation and are easier to handle due to their reduced weight and size. Backed by a 5-year warranty, ProLume Electronic Fluorescent ballasts are an efficient, convenient and long-life upgrade from traditional ballasts.

**ProLume® High Efficiency T8 Ballasts**
All Halco ProLume High Efficiency ballasts are NEMA Premium designated and CEE qualified high performance or reduced wattage ballasts, signifying that they meet or exceed the stringent performance requirements set by NEMA and CEE. ProLume High Efficiency ballasts are eligible for many utility rebates that often cover a significant portion of the product’s upfront costs.

**Certification**
All ProLume Electronic ballasts are certified by Underwriters Laboratories for use in the United States and are certified by either Underwriters Laboratories or Canadian Standards Association (CSA) for use in Canada and backed by a 5-year warranty.
Welcome to Fabulous Las Vegas, Nevada
Halco’s ProLume® Electronic Sign ballasts are energy efficient, user-friendly alternatives to magnetic sign ballasts.

Energy Efficient
ProLume Electronic Sign ballasts consume up-to 25% less energy than magnetic sign ballasts. Savings are quickly realized, particularly in applications where signs are operated for an extended period of time.

Versatile Replacement For Magnetic Sign Ballasts
Operating cooler and quieter than magnetic sign ballasts, ProLume Electronic Sign ballasts cover all signage applications that require one to six T8/HO and T12/HO lamps that have a total length between 2 and 48 feet. They are much lighter and have fewer wires than their magnetic counterparts, easing installation and maintenance. With their multi-volt capability (120-277V), ProLume Electronic Sign ballasts address more applications with fewer SKUs than standard magnetic sign ballast lines, reducing distributors’ inventory costs.

Parallel Lamp Operation
The parallel lamp operation ensures that if a lamp fails, the remaining lamps will continue operating, keeping the sign lit. These instant start ballasts provide reliable starting in temperatures as low as -20°F.

Certifications
ProLume’s electronic sign ballasts are UL listed and backed by a 3-year warranty.
Halco’s ProLume® Compact Fluorescent (CFL) ballasts offer a broad assortment of options for lighting applications that require 4-pin Compact Fluorescent lamps. Look for the ProFormance (EP) mark, which identifies ProLume CFL ballasts that feature high power factor operation and less than 10% THD.

Programmed Start
ProLume ProFormance® CFL ballasts feature programmed start circuitry, which surpasses standard rapid start technology. Programmed start ballasts precisely heat the lamp filament and tightly control the duration of preheating before applying the starting voltage to the lamp. The result is improved performance of both the lamp and ballast and extended life of the lamp.

Quick-Connect
Our Quick-Connect technology simplifies installation and maintenance of ProLume ProFormance CFL ballasts. Under this color-coded system, wire installation is easy and the need to cap off unused leads is eliminated. The wire-removal tool included with the kit allows for quick and easy wire disconnecting.

Distributor Kits
ProLume ProFormance CFL ballasts are ideal for replacement applications due to their multi-volt capability and Dual Connection feature, which provides side and bottom lead exits utilizing Quick-Connect technology. Distributor Kits include everything that is necessary for ballast replacement including a mounting plate, lead-wire set, wire-removal tool and mounting hardware.

End-of-Life Protection
ProLume ProFormance CFL ballasts are equipped with end-of-life protection. This technology safely removes power supplied to the lamp during failure. After a failed lamp has been replaced, the ballast auto-resets and provides power to the new lamp.

Certifications
All ProLume Compact Fluorescent ballasts are certified by Underwriters Laboratories for use in the United States and Canada and backed by a 5-year warranty.
Halco's Electronic HID (eHID) ballasts are designed to meet a variety of application needs for low wattage Metal Halide lamps. These eHID ballasts are compact and provide distinct advantages over magnetic versions. Key benefits of Halco eHID ballasts include enhanced light quality, increased versatility, greater savings and improved safety.

**Superior Light Output**
Halco eHID ballasts are microprocessor controlled, which allows for constant monitoring and regulation of wattage delivered to the lamp. This feature, combined with a virtually flicker-free design, results in greater lumen maintenance, precise beam control and a more uniform light appearance.

**Flexible Voltage and Mounting**
Our eHID ballasts are compatible with both 120 and 277 voltages and operate metal halide lamp wattages of 20W, 35/39W and 70W. Each ballast and wattage is available with either side or bottom lead exits and mounts for versatility. In addition, Halco's eHID ballasts are lightweight, easy to install and reduce shipping expenses.

**Savings**
In addition to improved light quality, eHID ballasts provide lamps with higher efficacy and longer life compared to magnetic ballasts. Increased efficacy through reduced ballast losses allows for less power consumption while maintaining light levels, resulting in energy savings. Plus, longer lamp life on eHID ballasts decreases costs associated with frequent lamp replacement.

**Safety Features**
Our eHID ballasts provide protection against no-lamp and end of life operation. Continuous striking without a lamp, or with a failed lamp present, could damage circuits. Halco's eHID ballasts prevent these scenarios. Additional protection is provided through integrated thermal and over-voltage circuits designed to shut down the ballast if operating conditions exceed those specified for use.

**Certifications**
ProLume eHID Ballasts are backed with a 3-year warranty.
ProLume® Core and Coil HID ballasts operate a wide variety of Standard and Pulse Start Metal Halide and High Pressure Sodium lamp types.

Multi-Tap
ProLume HID ballasts provide a wide range of multi-tap ballast options. 4-Tap ballasts are offered throughout the line, while 5-Tap ballasts are available for higher wattages. Multi-tap engineering means one ballast for applications with 120V, 208V, 240V, 277V and 480V (5-tap models).

Distributor Kits
ProLume HID ballasts come in complete distributor replacement kits. Kits include an Ignitor when applicable, a Capacitor when required, as well as mounting brackets and hardware.

Capacitors and Ignitors
For your convenience, Capacitors and Ignitors can be purchased individually. ProLume Ignitors are manufactured using only the highest quality components. Replacement Dry Film and Oil-Filled Capacitors are also available for all ProLume ballasts. Oil-Filled Capacitors are provided with ballasts 1000 watts and above.

Certifications
All ProLume Electromagnetic HID ballasts, Ignitors and included Capacitors are certified by Underwriters Laboratories for use in the United States and Canada and backed with a 2-year warranty.