

**100,000 hour
system life**

Induction

*Save money
by eliminating
maintenance costs
in hard to reach
applications!
Downlighting's
induction
products provide
100,000 hours
of service before
re-lamping—that's
over 25 years
when operating
10 hours per day!*



 **Williams**
®
D O W N L I G H T I N G

Long Life Quality Light

Benefits of Induction:

100,000 Hour Lamp Life

The Sylvania ICETRON® electrodeless system is designed to achieve an impressive 100,000 hour service life—that's **over 25 years** when operating 10 hours per day!

High Quality Light Output

Induction lighting produces a high 80 CRI (Color Rendering Index) which makes colors look truer, brighter, more vibrant and attractive. 3500K, 4100K, and 5000K color temperatures are available.

Instant On/Instant Restrike

Unlike HID systems, induction systems are instant-on, eliminating lengthy warm-up times. In addition, there is no cool down period before restrike.

Low Maintenance Cost

Relamping hard-to-access fixtures can create high maintenance costs. The greatly reduced need for re-lamping coupled with greater energy efficiency can result in substantial savings!

Harsh Environments

Induction operates in temperature as high as 55°C/131°F and as low as -40°C/-40°F (-25°C/-13°F with 70W system) to handle the harshest environments. (Consult factory for specific fixture information.)

5 Year Warranty

5 year non-prorated warranty includes labor allowance for replacement.



What is ICETRON?

Sylvania's ICETRON induction lighting system uses an electromagnetic field to transmit energy inside a gas-filled tube. This energy is converted to visible light by phosphors on the inner wall of the tube, similar to a fluorescent lamp. Unlike fluorescent, HID, or incandescent lamps, ICETRON has no electrodes or filaments that wear out and cause the lamp to fail. Sylvania's ICETRON ballast operates at a lower frequency than traditional electronic systems, which reduces interference and ballast complexity. This results in a long-life electrodeless fluorescent lamp with unprecedented light output and efficiency.



Low Maintenance Lighting

Downlighting offers a full line of precision engineered induction lighting fixtures, each specially designed for exceptional thermal control to provide the highest efficiency and years of trouble-free service.

Whether your job requirements are indoor, outdoor, hazardous or wet location, Downlighting offers an induction lighting fixture to meet your needs.



ICESQ24

24" SQUARE RECESSED ICE

For conventional 2' x 2' recessed lay-in installation, ICE SQ24 comes standard with UV stabilized prismatic lens, T-hinges, and fully enclosed spring-loaded cam latches for easy access.



ICEPBSQ24

24" SQUARE RECESSED PARABOLIC ICE

For low glare, high efficiency, and decorative appeal, ICEPBSQ24 features a 9-cell, full 3" inverted semi-specular parabolic louver.



ICEBLSQ24

24" SQUARE RECESSED BLADE® ICE

2" deep straight louvers with acrylic prismatic overlay provide excellent cut-off and lamp concealment—a contemporary alternative to the standard parabolic fixture. Patented BLADE louvers are available in standard colors aluminum, black, and white. Custom colors are available.



DOWNLIGHTING

www.hewilliams.com

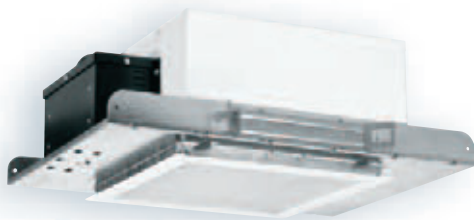
How much does replacing a lamp really cost? Sylvania's ICETRON® system provides 100,000 hours of service before re-lamping—that's **over 25 years** when operating 10 hours per day! Downlighting induction luminaires provide real value in what you won't have to spend for maintenance.



ICE13

13" ROUND RECESSED ICE

ICE13 has the round shape of a traditional downlight, but utilizes the induction lamp with a two-piece upper reflector assembly for improved efficiency and controlled lumen output. Standard with C73 tempered lens, or choose from several decorative trim and lens options.



ICESQ12

12" SQUARE RECESSED ICE

ICESQ12 offers a modern appearance specially designed for 100,000 hour induction technology. C73 tempered lens is standard or choose from several trim and lens options, including 4 and 9-cell parabolic louvers.

How much does replacing a lamp really cost?

Ideal for:

**Theaters • Escalators
Rotundas • Warehouses
Parking Garages
Outdoor Area Lighting
Roadway Signs
Airport Eaves
Natatoriums
Tunnels • Bridges
Freezers**



ICEAL

AREA LIGHT ICE

IP66 rated and UL listed for Wet Location and Marine Hosedown, ICEAL utilizes a fully enclosed and gasketed die cast aluminum housing which keeps out unwanted elements and ensures optimal thermal control. ICEAL operates in temperatures as high as 55°C/131°F and as low as -40°C/-40°F (-25°C/-13°F with 70W system). Reflector and lens selection determine distribution. Mounting options are available for industrial and outdoor use (see Williams Outdoor Area Lights at www.hewilliams.com).

ICELB32

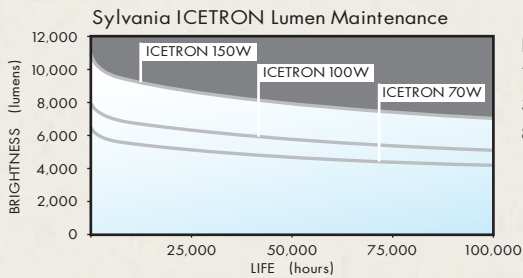
32" ROUND PENDANT ICE

ICELB32 utilizes a 30" UV stabilized drop acrylic lens to help create wide, uniform light distribution. Standard with two 150 watt induction lamps which produce 24,000 total lumens. Use in higher ceiling areas as an alternative to ordinary low bay lighting.

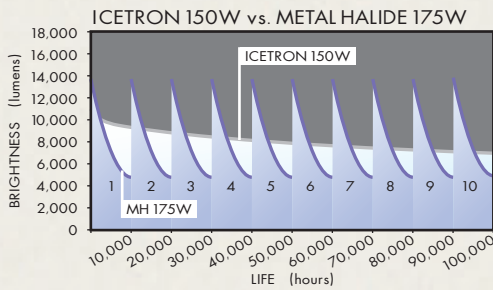
Nothing outlasts ICETRON®

Sylvania ICETRON® lasts up to **10 times longer** than HID systems while providing superior lumen maintenance. After 60,000 hours, ICETRON still produces 70% of its original lumen output! Improve safety, improve quality of light, save energy, and reduce maintenance costs!

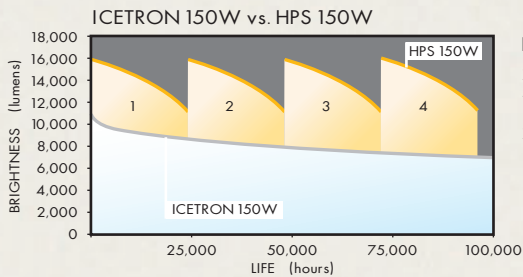
Contact your Downlighting representative for more information on our complete product line.



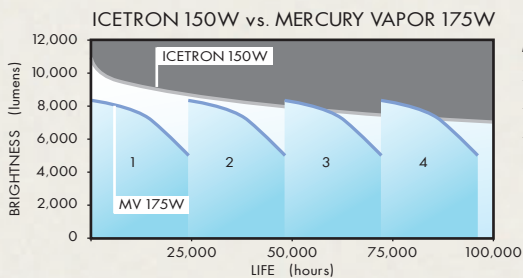
INDUCTION
100,000 Hours Lamp Life
3500K, 4100K, or 5000K
80 CRI



METAL HALIDE
10,000 Hours Lamp Life
(vertical burn)
3000K - 3200K
65 CRI



HIGH PRESSURE SODIUM
24,000 Hours Lamp Life
1900K - 2100K
22 CRI



MERCURY VAPOR
24,000 Hours Lamp Life
4000K - 5900K
45 CRI

Note:
Consult lamp manufacturer for specific lamp information. Per lighting industry standards, lamp life is determined by how many hours at which 50% of the lamps installed are still expected to be in operation.



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