



SYLVANIA LUMALUX®
High Pressure Sodium
Lamps

SEE THE WORLD IN A NEW LIGHT

SYLVANIA



Non-Cycling+TCLP-Passing+Long Life

LUMALUX PLUS ECO LUMALUX

Positive Lamp Shutdown

When SYLVANIA LUMALUX PLUS®/ECO® lamps reach end of life they shut down, once and for all. There is no inconclusive change of color and no end-of-life cycling. End-of-life cycling, a common occurrence with standard high pressure sodium lamps, describes a lamp that temporarily extinguishes and then restrikes as it reaches the end of its life. The wasted maintenance calls prompted by this behavior can cost municipalities and other users thousands of dollars each year. LUMALUX PLUS/ECO lamps eliminate end-of-life cycling and can dramatically reduce maintenance costs.

Simplified Disposal

LUMALUX PLUS/ECO lamps contain up to 90 percent less mercury than standard HPS lamps and are lead free. They pass the Federal TCLP* test for hazardous waste determination, making them easier to dispose of in most states. High pressure sodium lamps from other manufacturers often contain lead and mercury in levels that cause them to fail the TCLP test, which can make disposing of spent lamps difficult and expensive.

Extended Life

With an average rated life of 30,000 hours, LUMALUX PLUS/ECO lamps operate 25 percent longer than most standard HPS lamps. This extended life helps reduce maintenance and relamping costs. Upgrading to LUMALUX PLUS/ECO is simple: the lamps are a direct replacement for standard HPS lamps and offer superior performance.

*Refers to the Federal Toxicity Characteristic Leaching Procedure (TCLP) test for hazardous waste determination as it currently exists. Consult your state's regulations which may vary.

SYLVANIA LUMALUX PLUS®/ECO® Lamps at a Glance

Wattage	Bulb	Initial Lumens	Mean Lumens	Rated Life	NAED Codes
50W	ET23.5	4000	3600	30000 hrs	67607
70W	ET23.5	6300	5600	30000 hrs	67497
100W	ET23.5	9800	8550	30000 hrs	67559
150W	ET23.5	16000	14400	30000 hrs	67494
200W	ET18	22000	19800	30000 hrs	67495
250W	ET18	29000	26100	30000 hrs	67572
310W	ET18	37000	33300	30000 hrs	67660
400W	ET18	50000	45000	30000 hrs	67312

Mean lumen calculations measured at 40% of rated life.

Visit www.sylvania.com or call 1-800-LIGHTBULB for additional information.



Cost Effective HPS Lighting with a TCLP Option

LUMALUXECO

A Wide Range of Wattages

Because of their high efficacy, long life and superior reliability, LUMALUX® standard and ECO® lamps are the preferred choice for any high pressure sodium application. And with multiple wattages and configurations, SYLVANIA LUMALUX standard and ECO lamps offer unmatched versatility. All LUMALUX lamps have a lead-free, borosilicate hard glass outer jacket, and most mogul base lamps have welded lead-free bases that allow a maximum base temperature of 250°C (40°F higher than the ANSI standard).

TCLP-Passing ECOLOGIC® Option

LUMALUX/ECO lamps have reduced mercury and are lead free. This means they pass the Federal TCLP test which, depending on local regulations, may simplify disposal of spent lamps and reduce associated costs. These lamps are a direct replacement for and have equivalent or superior performance to HPS lamps that do not pass TCLP.

SYLVANIA LUMALUX HPS Lamps at a Glance

LUMALUX/ECO

Wattage	Bulb	Initial Lumens	Mean Lumens	Life	NAED Codes
50W	Clear ET23.5	4000	3600	24000+ hrs	67510
70W	Clear ET23.5	6300	5500	24000+ hrs	67512
100W	Clear ET23.5	9500	8000	24000+ hrs	67514
150/55W	Clear ET23.5	16000	13800	24000+ hrs	67516
200W	Clear ET18	22000	19800	24000+ hrs	67576
250W	Clear ET18	29000	26100	24000+ hrs	67578
310W	Clear ET18	37000	33300	24000+ hrs	67580
400W	Clear ET18	50000	45000	24000+ hrs	67533

LUMALUX

Wattage	Bulb	Initial Lumens	Mean Lumens	Life	NAED Codes
35W	Clear E17	2250	2050	16000+ hrs	67500
50W	Clear E17	4000	3600	24000+ hrs	67502
70W	Clear E17	6300	5350	24000+ hrs	67504
100W	Clear E17	9500	8000	24000+ hrs	67506
150W	Clear E17	15800	13400	24000+ hrs	67508
250W	Coated BT28	26000	23400	24000+ hrs	67521
400W	Coated BT37	47500	40000	24000+ hrs	67524
600W	Clear T16	90000	81000	24000 hrs	67610
750W	Clear BT37	105000	94500	24000+ hrs	67547
1000W	Clear E25	130000	124000	24000+ hrs	67307

Mean lumen calculations for 24000+ and 16000+ hour lamps measured at 50% of rated life; 600W lamps measured at 40% of rated life. Most wattages are also available in glare-reducing coated versions with slightly reduced lumen output. 50-150W lamps are available in either medium or mogul base configurations (medium base NAED code is shown above).

Visit www.sylvania.com or call 1-800-LIGHTBULB for additional information.



More High Pressure Sodium Choices

MERCURY-FREE MERCURY FREE LUMALUX

More Environmentally Friendly

LUMALUX® MERCURY-FREE/ECO® lamps are the ultimate in TCLP-passing high pressure sodium lamps. They have an exclusive ceramic arc tube with a reformulated mercury-free fill gas and a lead-free welded base. These lamps may be suitable for use where local mandates prohibit the use of products containing hazardous materials. They operate on standard HPS ballasts and offer life and efficiency ratings equivalent to standard sodium lamps while eliminating disposal costs.

SYLVANIA LUMALUX MERCURY-FREE/ECO Lamps at a Glance

Wattage	Bulb	Initial Lumens	Mean Lumens	Life	NAED Codes
70W	ET23.5	6000	5100	24000 hrs	67565
100W	ET23.5	9500	8500	24000 hrs	67558
150W	ET23.5	15500	13200	24000 hrs	67566



STANDBY LUMALUX

Long Life, Instant Restrike

LUMALUX STANDBY high pressure sodium lamps feature an extra arc tube that restrikes instantly after brief power interruptions and returns to full light output within one to two minutes. This feature can be extremely important in applications where safety or security are primary considerations. As an added plus, most of these lamps have an average rated life of 40,000 hours. In all other respects they provide performance equivalent to standard HPS lamps.

SYLVANIA LUMALUX STANDBY Lamps at a Glance

Wattage	Bulb	Initial Lumens	Mean Lumens	Life	NAED Codes
70W	ET23.5	6050	4950	40000 hrs	67540
100W	ET23.5	9500	7600	40000 hrs	67542
150W	ET23.5	15700	12100	40000 hrs	67544
200W	ET18	21500	18000	40000 hrs	67586
250W	ET18	27500	23200	40000 hrs	67582
400W	ET18	47500	40000	40000 hrs	67584
1000W	E25	127000	115000	24000+ hrs	67543



Mean lumen calculations measured at 40% of rated life.
Calculations for 24,000+ hour lamps measured at 50% of rated life.

Visit www.sylvania.com or call 1-800-LIGHTBULB for additional information.

STANDBY LUMALUX

The Most Advanced HPS Technology Available

SEVEN
ADVANTAGES
BENEFITS

LUMALUX

Most Efficient Light Source

SYLVANIA LUMALUX® high pressure sodium (HPS) lamps offer a higher efficacy than most other light sources, providing up to 130 lumens per watt.

Up to 40,000-hour Life

Long life is another characteristic of LUMALUX lamps. LUMALUX PLUS®/ECO® lamps and LUMALUX STANDBY lamps exceed the life of standard HPS lamps by 25 percent and 67 percent respectively.

Decisive End-of-Life Feature

LUMALUX PLUS/ECO lamps have a unique positive shutdown feature that eliminates the end-of-life cycling problems common with standard HPS lamps.

More TCLP-Passing Options

There are three versions of LUMALUX lamps that pass the Federal TCLP test: LUMALUX PLUS/ECO, LUMALUX/ECO and LUMALUX MERCURY-FREE/ECO.

Lamp and Ballast Systems

LUMALUX lamps may be combined with SYLVANIA HID ballasts to form a complete system.

Lower Energy Costs

Because of their high efficacy, LUMALUX lamps let you light streets, parking lots, warehouses and similar non-color-critical applications at the lowest possible cost.

Reduced Maintenance

The extended life of LUMALUX lamps means fewer maintenance calls and lower operating expenses.

Positive ID of Failed Lamps

LUMALUX PLUS/ECO lamps put an end to end-of-life cycling by letting you know without a doubt when a lamp has failed, eliminating expensive "false alarm" maintenance calls.

Simplified Lamp Disposal

With three TCLP-passing versions, spent LUMALUX/ECO lamps can be easier and less costly to dispose of than standard HPS lamps from other manufacturers.

Peace of Mind

By combining LUMALUX lamps and SYLVANIA HID ballasts as a system, the installation is covered by a comprehensive system warranty.



LUMALUX®/ECO® Lamps Are ECOLOGIC® Lamps

All SYLVANIA LUMALUX/ECO lamps are part of the ECOLOGIC® family, which means that they have been designed with the environment in mind. They are energy efficient, so they can help preserve natural resources by consuming less power and thereby cutting down on greenhouse gas emissions from utilities. And since they pass the Federal TCLP test, LUMALUX/ECO lamps can be classified as non-hazardous waste in most states.





SYLVANIA LUMALUX® High Pressure Sodium Lamps

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