

# LUMALUX® STANDBY

## Dual Arc-Tube High Pressure Sodium Lamps



- Dual arc-tube construction ensures quick restarting in the event of a momentary power interruption
- Extremely long life—Most lamp types have an average rated life of 40,000 hours
- Very high efficacy: Up to 127 initial LPW
- Similar light output as standard LUMALUX HPS lamps
- Direct replacement for standard HPS; operates on ANSI ballasts of similar wattage
- Full product line available including 70, 100, 150, 200, 250, 400 and 1000 watts

Constructed with two arc-tubes, SYLVANIA LUMALUX STANDBY lamps are designed to ensure quick restarting in the event of a momentary power interruption. The unique design yields longer life which translates into lower maintenance costs and less frequent relamping.

The LUMALUX STANDBY lamps instantly restrike after a power interruption, providing approximately 15% of its normal light output once the power returns. By providing instant illumination at such a critical time, LUMALUX STANDBY lamps are ideal for many applications where safety is a concern.

### Product Availability

Wattage	Bulb Shapes	Operating Position
70, 100, 150	ET23.5	Universal
200, 250, 400	ET18	Universal
1000	E25	Universal

### Lamp Comparison

Lamp Type	Average Rated Life (hours)	Initial Lumens	Mean Lumens
LU100/SBY	40,000	9500	7600
LU100/ECO	24,000	9500	8000

### Application Information

#### Applications

Street and roadway lighting  
 Parking lots and garages  
 Warehouses  
 Manufacturing facilities

#### Fixtures

Contact your local fixture agent for available fixtures.

#### Ballast Information

Lamps are approved for use on systems meeting the respective ANSI standard.

#### Application Notes

1. Lamps may be operated in any position.
2. Lamps can be operated in open and enclosed fixtures.



**Sample Specification**

Lamp(s) shall be (a) LUMALUX STANDBY lamp(s) and shall be constructed with two arc tubes to ensure quick restarting following a momentary power interruption.

**Ordering and Specification Information**

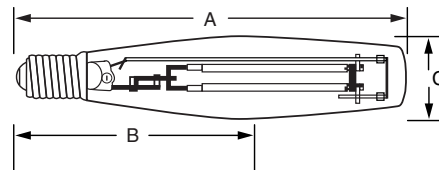
Item Number	Ordering Abbreviation	Watts	Bulb	Base	ANSI Code	Average Rated Life (hrs.)	Initial Lumens	Mean Lumens
67540	LU70/SBY	70	ET23.5	E39 Mogul	S62	40,000 <sup>1</sup>	6050	4950
67542	LU100/SBY	100	ET23.5	E39 Mogul	S54	40,000 <sup>1</sup>	9500	7600
67544	LU150/55/SBY	150	ET23.5	E39 Mogul	S55	40,000 <sup>1</sup>	15,700	12,100
67586	LU200/100/SBY	200	ET18	E39 Mogul	S66	40,000 <sup>1</sup>	21,500	18,000
67582	LU250/SBY	250	ET18	E39 Mogul	S50	40,000 <sup>1</sup>	27,500	23,200
67584	LU400/SBY	400	ET18	E39 Mogul	S51	40,000 <sup>1</sup>	47,500	40,000
67543	LU1000/SBY	1000	E25	E39 Mogul	S52	24,000	127,000	115,000 <sup>2</sup>

1. STANDBY feature not guaranteed beyond 24,000 operating hours.
2. Mean Lumen values are measured at 50% of rated life.
3. CRI and CCT for LUMALUX STANDBY lamps is approximately 22 and 2100K, respectively.
4. For lamp wattages of 360W or greater, it is recommended that lampholders with nickel-plated copper alloy center contacts (with spring) should be used rather than electrical contacts made of stainless steel.

**Ordering Guide**

<b>LU</b> LUMALUX High Pressure Sodium	<b>70</b> Wattage: 70, 100, 150, 200, 250, 400 or 1000 watts	/	<b>55</b> Voltage: 55 or 100 volts	/	<b>SBY</b> STANDBY
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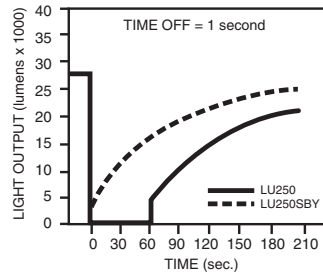
**Dimensions**



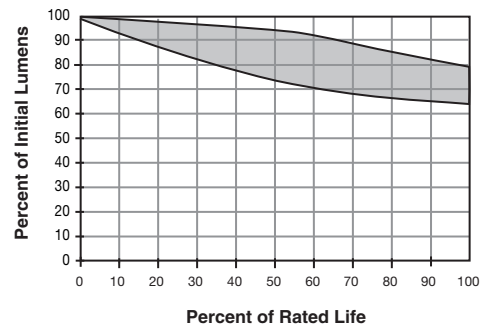
	(A) MOL	(B) LCL	(C) Diameter
ET23.5	7.75"	5.00"	2.94"
ET18	9.76"	5.75"	2.20"
E25	15.08"	8.74"	3.10"

**Technical Information**

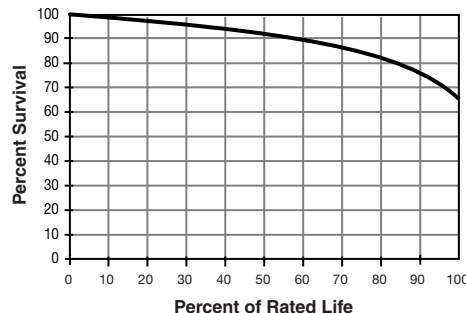
**Lumen Output vs. Time**



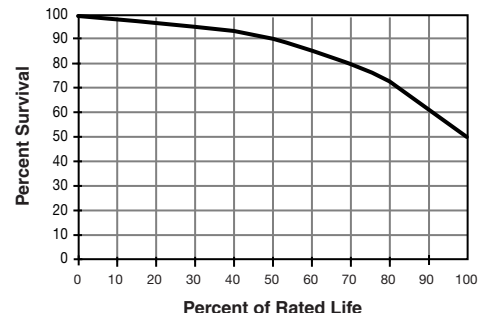
**Typical Lumen Maintenance Curve**



**Typical Survival Curve (70, 100, 150, 200, 250, 400W)**



**Typical Survival Curve (1000W)**



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