

PHILIPS

**High Pressure
Sodium**

**Ceramalux Instant
Restrike HPS Lamps**

Ideal for roadway,
warehouse and security
lighting in industrial and out-
door applications



Energy efficiency with **long life**

Philips Ceramalux Instant Restrike High Pressure Sodium Lamps provide bright, white light, reducing energy and maintenance costs with no compromise to light output.

Excellent color

- Provides 80% light output within 1-2 minutes
- Extra arc tube offers instant-on light

Long life

- 24,000-rated average life*
- 40,000-rated average life* for applications where instant restrike is not required

Easy to experience

- Operates on standard HPS ballasts and auxiliary equipment

* See footnotes on reverse side.

Ceramalux Instant Restrike High Pressure Sodium Lamps

Electrical and Technical Data (Subject to change without notice)

Product Number	Ordering Code	Ansi Code	Watts	Bulb	Base	Operating Positions	Bulb Finish	Std. Pkg. Qty.	LCL (in.)	MOL (in.)	Rated Avg. Life (Hrs.) ¹	Approx. Initial Lumens ²	Approx. Mean Lumens ²	CRI	CCT (K)
35467-0	C50S68/2	S68	50	ED23 ¹ / ₂	Mogul	Universal	Clear	12	5	7 ³ / ₄	24,000+	3800	3450	21	2100
26541-3	C70S62/2	S62	70	ED23 ¹ / ₂	Mogul	Universal	Clear	12	5	7 ³ / ₄	24,000+	5600	5050	21	2100
26560-3	C100S54/2	S54	100	ED23 ¹ / ₂	Mogul	Universal	Clear	12	5	7 ³ / ₄	24,000+	9100	8190	21	2100
26561-1	C150S55/2	S55	150	ED23 ¹ / ₂	Mogul	Universal	Clear	12	5	7 ³ / ₄	24,000+	15,600	14,000	21	2100
37717-6	C250S50/2	S50	250	ED18	Mogul	Universal	Clear	12	5 ³ / ₄	9 ³ / ₄	24,000+	27,500	24,750	21	2100
37688-9	C400S51/2	S51	400	ED18	Mogul	Universal	Clear	12	5 ³ / ₄	9 ³ / ₄	24,000+	49,000	44,000	21	2100

1) Rated average life is the life obtained, on the average, from large representative groups of lamps in laboratory tests under controlled conditions at 10 or more operating hours per start. It is based on survival of at least 67% of the lamps and allows for individual lamps or groups of lamps to vary considerably from the average.

2) Measured at 100 hrs. life. Approximate lumen values listed are for vertical and horizontal operation of the lamp.

3) Approximate lumen output at 40% of lamp rated average life.

Footnotes from the front:

* Rated average life is the life obtained, on the average, from large representative groups of lamps in laboratory tests under controlled conditions at 10 or more operating hours per start. It is based on survival of at least 67% of the lamps and allows for individual lamps or groups of lamps to vary considerably from the average.

Warnings, Cautions and Operating Instructions

WARNING: These lamps must be operated in fixtures designed for use with High Pressure Sodium lamps. The fixture wattage rating must match the wattage indicated on the outer glass bulb. Do not scratch the outer bulb or subject it to pressure as this could cause the outer bulb to crack or shatter. A partial vacuum in the outer bulb may cause glass to fly if the glass is struck.

CAUTION: Operating the lamp improperly may result in **PERSONAL INJURY, PROPERTY DAMAGE, BURNS AND FIRE.**

1. If the outer glass bulb is broken, shut off power immediately and remove the lamp after it has cooled.

- Use only auxiliary equipment meeting Philips and/or ANSI standards. Use within voltage limits recommended by ballast manufacturer.
 - Operate lamp only within specified limits of operation.
 - For total supply load refer to ballast manufacturers electrical data.
- Protect lamp base, socket and wiring against moisture, corrosive atmospheres and excessive heat.
- Replace the lamp if the outer glass bulb has been scratched, cracked or damaged in any way.
- If a lamp bulb support is used, be sure to insulate the support electrically so as to avoid possible decomposition of the bulb glass.

- Do not use this lamp in a fixture which redirects a substantial portion of the energy toward the arc tube and its immediate vicinity, as this may lead to very early lamp failure.
- Take care in handling and disposing of lamps. If arc tube is broken, avoid skin contact with any of the contents or fragments.
- The arc tube of this lamp contains sodium and mercury. Dispose of in accordance with federal, state and local requirements.

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