GE Ecolux® Lucalox® High Pressure Sodium ED23.5

- Passes TCLP, which can lower disposal costs.

**GENERAL CHARACTERISTICS**
- Lamp Type: High Intensity Discharge - High Pressure Sodium
- Bulb: ED23.5
- Base: Mogul Screw (E39)
- Bulb Finish: Clear
- Wattage: 100
- Voltage: 110
- Rated Life: 24000 hrs
- Bulb Material: Hard glass
- Lamp Enclosure Type (LET): Open or enclosed fixtures
- Base Temperature: 210 °C
- Bulb Temperature (MAX): 400 °C
- LEED-EB MR Credit: 80 picograms Hg per mean lumen hour

**PHOTOMETRIC CHARACTERISTICS**
- Initial Lumens: 9500
- Mean Lumens: 8550
- Nominal Initial Lumens per Watt: 95
- Color Temperature: 2000 K
- Color Rendering Index (CRI): 22
- Effective Arc Length: 1.125 in

**ELECTRICAL CHARACTERISTICS**
- Amps: 2.1 A
- Open Circuit Voltage (RMS lag ballast): 110 V
- Warm Up Time to 90%: 4 min
- Warm Up Time to 90% (MAX): 4 min
- Hot Restart Time to 90%: 1 min
- Hot Restart Time to 90% (MAX): 1 min

**DIMENSIONS**
- Maximum Overall Length (MOL): 7.7500 in (196.8 mm)
- Nominal Length: 7.750 in (196.8 mm)
- Bulb Diameter (DIA): 2.937 in (74.6 mm)
- Bulb Diameter (DIA) (MAX): 2.937 in (74.6 mm)
- Light Center Length (LCL): 5.000 in (127.0 mm)

**PRODUCT INFORMATION**
- Product Code: 85369
- Description: LU100/H/ECO
- ANSI Code: S54
- Standard Package: Case
- Standard Package GTIN: 10043168853696
- Standard Package Quantity: 12
- Sales Unit: Unit
- No Of Items Per Sales Unit: 1
- No Of Items Per Standard Package: 12
- Package UPC: 043168853699

**CAUTIONS & WARNINGS**

**Caution**
- Lamp may shatter and cause injury if broken
  - Dispose of lamp in a closed container.
  - Do not use excessive force when installing lamp.
  - Do not use lamp if outer glass is scratched or broken.
  - Wear safety glasses and gloves when handling lamp.
- Risk of Burn
  - Allow lamp to cool before handling.
  - Do not turn on lamp until fully installed.

**Warning**
- Risk of Electric Shock
  - Do not use where directly exposed to water or outdoors without an enclosed fixture.
  - Turn power off before inspection, installation or removal.
- Unexpected lamp rupture may cause injury, fire, or property damage
  - Do not exceed rated voltage.

For additional information, visit www.gelighting.com
- Do not store flammable materials near/below lamp.
- Do not turn on lamp until fully installed.
- Do not use lamp if outer glass is scratched or broken.
- Do not use where directly exposed to water or outdoors without an enclosed fixture.
- Use only properly rated ballast.

- Risk of Fire
  - Keep combustible materials away from lamp.
  - Use in fixture rated for this product.
- Contains sodium – chemical burn risk
  - Avoid skin contact with broken pieces.

**GRAPHS & CHARTS**

*Spectral Power Distribution*

![Spectral Power Distribution Graph](image1)

*Lumen Maintenance*

![Lumen Maintenance Graph](image2)