



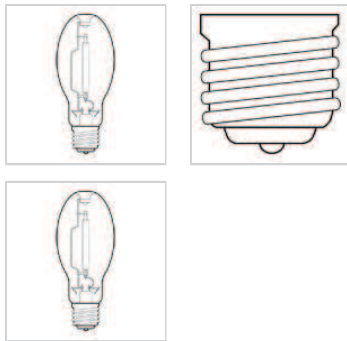
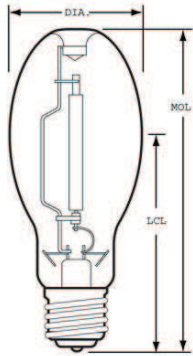
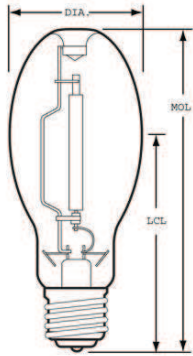
GE  
Lighting

## 85369 - LU100/H/ECO

GE Ecolux® Lucalox® High Pressure Sodium ED23.5

- Passes TCLP, which can lower disposal costs.

RoHS Compliant



### GENERAL CHARACTERISTICS

Lamp Type	High Intensity Discharge - High Pressure Sodium ED23.5
Bulb	
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
Additional Info	TCLP compliant

### 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
Burn Position	Universal burning position
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
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

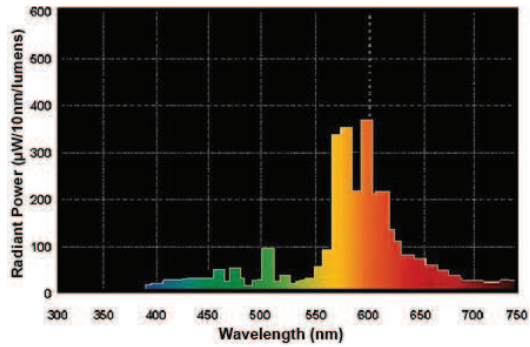
- Risk of Electric Shock
  - Do not use where directly exposed to water or outdoors without an enclosed fixture.
  - Turn power off before inspection, installation or removal.
- Unexpected lamp rupture may cause injury, fire, or property damage
  - Do not exceed rated voltage.

For additional information, visit [www.gelighting.com](http://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



### Lumen Maintenance

