



GE  
Lighting

## 85368 - LU70/H/ECO

GE Ecolux® Lucalox® High Pressure Sodium ED23.5

- Passes TCLP, which can lower disposal costs.

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## GENERAL CHARACTERISTICS

Lamp Type	High Intensity Discharge - High Pressure Sodium
Bulb	ED23.5
Base	Mogul Screw (E39)
Bulb Finish	Clear
Rated Life (NOM)	24000.0 h
Bulb Material	Hard glass
Lamp Enclosure Type (LET)	Open or enclosed fixtures
Base Temperature (MAX)	210.0 °C
Bulb Temperature (MAX)	400.0 °C
Mercury Content (NOM)	13.7 mg
Picograms of Mercury (NOM)	104.7 pg
Additional Info	TCLP compliant

## PHOTOMETRIC CHARACTERISTICS

Initial Lumens (NOM)	6400.0
Mean Lumens (NOM)	5450.0
Nominal Initial Lumens per Watt (NOM)	91.42857
Color Temperature (NOM)	1900.0 K
Color Rendering Index (CRI) (NOM)	22.0
Effective Arc Length (NOM)	96.0 in

## ELECTRICAL CHARACTERISTICS

Amps (NOM)	1.6 A
Wattage (NOM)	70.0
Voltage (MIN)	110.0
Burn Position	Universal burning position
Open Circuit Voltage (RMS lag ballast) (MIN)	110.0 V
Warm Up Time to 90% (NOM)	4.0 min
Hot Restart Time to 90% (NOM)	1.0 min

## DIMENSIONS

Maximum Overall Length (MOL) (NOM)	7.750 in(196.8 mm)
Nominal Length (NOM)	7.750 in(196.8 mm)
Bulb Diameter (DIA) (MAX)	2.938 in(74.6 mm)
Bulb Diameter (DIA) (NOM)	2.950 in(74.9 mm)
Light Center Length (LCL) (NOM)	5.000 in(127.0 mm)

## PRODUCT INFORMATION

Product Code	85368
Description	LU70/H/ECO
ANSI Code	S62
Standard Package	Case
Standard Package GTIN	10043168853689
Standard Package Quantity	12
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	12
UPC	043168853682

## CAUTIONS & WARNINGS

### Caution

- Risk of Burn
  - Allow lamp to cool before handling.
  - Do not turn on lamp until fully installed.
- 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.

### Warning

- Unexpected lamp rupture may cause injury, fire, or property damage
  - Do not exceed rated voltage.
  - 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.

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

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

## GRAPHS & CHARTS

### Graphs\_Spectral Power Distribution

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### Graphs\_Lumen Maintenance

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