

**Presented By:** Candela Corporation  
**Contact Phone:** 800-922-9226  
**Contact E-mail:** sales@candelacorp.com

**Customer Name:**  
**Project Name:**  
**Fixture Type:**

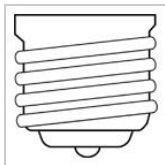
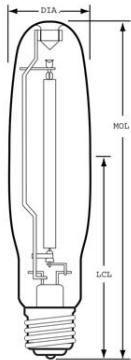
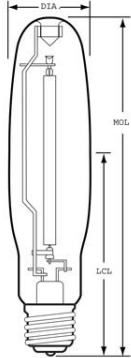


**GE**  
**Lighting**

**85377 - LU250/H/ECO**

GE Ecolux® Lucalox® High Pressure Sodium ED18

- Passes TCLP, which can lower disposal costs.



**GENERAL CHARACTERISTICS**

Lamp Type	High Intensity Discharge - High Pressure Sodium ED18
Bulb	ED18
Base	Mogul Screw (E39)
Bulb Finish	Clear
Rated Life (MIN)	24000.0 h
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)	16.4 mg
Picograms of Mercury (NOM)	27.1 pg
Additional Info	TCLP compliant

**PHOTOMETRIC CHARACTERISTICS**

Initial Lumens (NOM)	28000.0
Mean Lumens (NOM)	25200.0
Nominal Initial Lumens per Watt (NOM)	112.0
Color Temperature (NOM)	2100.0 K
Color Rendering Index (CRI) (NOM)	22.0
Effective Arc Length (NOM)	2.78 in

**ELECTRICAL CHARACTERISTICS**

Wattage (NOM)	250.0
Voltage (MIN)	198.0
Burn Position	Universal burning position
Open Circuit Voltage (RMS lag ballast) (MIN)	198.0 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)	9.750 in(247.6 mm)
Nominal Length (NOM)	9.750 in(247.6 mm)
Bulb Diameter (DIA) (NOM)	2.250 in(57.2 mm)
Light Center Length (LCL) (NOM)	5.750 in(146.0 mm)

**PRODUCT INFORMATION**

Product Code	85377
Description	LU250/H/ECO
ANSI Code	S50
Standard Package	Case
Standard Package GTIN	10043168853771
Standard Package Quantity	12
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	12
UPC	043168853774

**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**

- Unexpected lamp rupture may cause injury, fire, or property damage

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

- 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.
  - 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

