

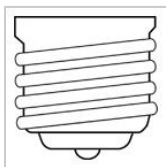
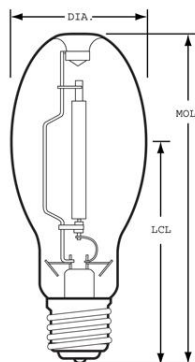


GE  
Lighting

## 19265 - LU100/SBY/XL

### GE Lucalox® Standby Long Life Lucalox® High Pressure Sodium ED23.5

• Extra arc tube provides light instantly after momentary power interruption, and will increase to 80% light output in 1-2 minutes Dual arc tubes provide 40,000 hour rated life Operates on standard HPS ballasts and auxiliary equipment



#### 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

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

#### GRAPHS & CHARTS

##### Graphs\_Spectral Power Distribution

#### GENERAL CHARACTERISTICS

|                            |  |
|----------------------------|--|
| Lamp Type                  | High Intensity Discharge - High Pressure Sodium ED23.5 |
| Bulb                       |  |
| Base                       | Mogul Screw (E39)                                      |
| Bulb Finish                | Clear  |
| Rated Life (NOM)           | 40000.0 h  |
| Bulb Material              | Hard glass   |
| Lamp Enclosure Type (LET)  | Open or enclosed fixtures                              |
| Mercury Content (NOM)      | 32.86 mg   |
| Picograms of Mercury (NOM) | 100.3 pg   |

#### PHOTOMETRIC CHARACTERISTICS

|                                       |          |
|---------------------------------------|----------|
| Initial Lumens (NOM)                  | 9500.0   |
| Mean Lumens (NOM)                     | 8190.0   |
| Nominal Initial Lumens per Watt (NOM) | 95.0     |
| Color Temperature (NOM)               | 2000.0 K |
| Color Rendering Index (CRI) (NOM)     | 22.0     |
| Effective Arc Length (NOM)            | 1.1 in   |

#### ELECTRICAL CHARACTERISTICS

|  |                            |
|--|----------------------------|
| Wattage (NOM)                                | 100.0                      |
| Burn Position                                | Universal burning position |
| Open Circuit Voltage (RMS lag ballast) (MIN) | 110.0 V                    |
| Warm Up Time to 90% (MIN)                    | 3.0 min                    |
| Warm Up Time to 90% (MAX)                    | 4.0 min                    |
| Hot Restart Time to 90% (MIN)                | 1.0 min                    |
| Hot Restart Time to 90% (MAX)                | 2.0 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) (NOM)          | 2.937 in(74.6 mm)  |
| Light Center Length (LCL) (NOM)    | 5.000 in(127.0 mm) |

#### PRODUCT INFORMATION

|                                  |                |
|----------------------------------|----------------|
| Product Code                     | 19265          |
| Description                      | LU100/SBY/XL   |
| ANSI Code                        | S54            |
| Standard Package                 | Case           |
| Standard Package GTIN            | 10043168192658 |
| Standard Package Quantity        | 12             |
| Sales Unit                       | Unit           |
| No Of Items Per Sales Unit       | 1              |
| No Of Items Per Standard Package | 12             |
| UPC                              | 043168192651   |

