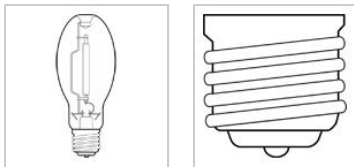
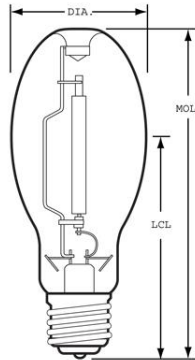




GE
Lighting

44975 - LU50/H/ECO

GE Lucalox® High Pressure Sodium ED23.5



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 |
| Bulb | ED23.5 |
| 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 |
| Mercury Content (NOM) | 13.7 mg |
| Picograms of Mercury (NOM) | 158.6 pg |
| Additional Info | TCLP compliant |

PHOTOMETRIC CHARACTERISTICS

| | |
|---------------------------------------|----------|
| Initial Lumens (NOM) | 4000.0 |
| Mean Lumens (NOM) | 3600.0 |
| Nominal Initial Lumens per Watt (NOM) | 80.0 |
| Color Temperature (NOM) | 1900.0 K |
| Color Rendering Index (CRI) (NOM) | 22.0 |
| Effective Arc Length (NOM) | 0.8 in |

ELECTRICAL CHARACTERISTICS

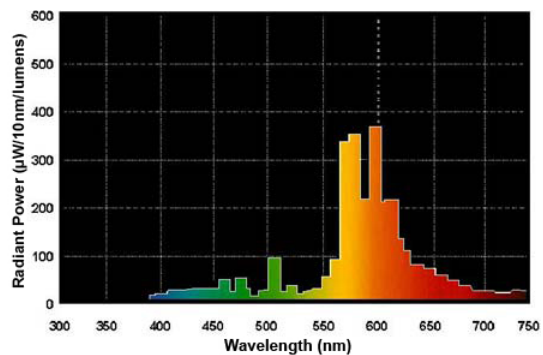
| | |
|--|----------------------------|
| Wattage (NOM) | 50.0 |
| Burn Position | Universal burning position |
| Open Circuit Voltage (RMS lag ballast) (MIN) | 110.0 V |
| Warm Up Time to 90% (MIN) | 3.0 min |
| Warm Up Time to 90% (MAX) | 4.0 min |
| Hot Restart Time to 90% (MAX) | 40.0 s |

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 | 44975 |
| Description | LU50/H/ECO |
| ANSI Code | S68 |
| Standard Package | Case |
| Standard Package GTIN | 10043168449752 |
| Standard Package Quantity | 12 |
| Sales Unit | Unit |
| No Of Items Per Sales Unit | 1 |
| No Of Items Per Standard | 12 |
| Package | |
| UPC | 043168449755 |



Graphs_Lumen Maintenance

