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.

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

**Risk of Electric Shock**
- Do not 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.
- Contains sodium – chemical burn risk
  - Avoid skin contact with broken pieces.

GENERAL CHARACTERISTICS

**Lamp Type**
High Intensity Discharge - High Pressure Sodium

**Bulb**
ED23.5

**Base**
Mogul Screw (E39)

**Bulb Finish**
Clear

**Rated Life**
24000.0 hrs

**Bulb Material**
Hard glass

**Lamp Enclosure Type (LET)**
Open or enclosed fixtures

**Base Temperature (MAX)**
210.0 °C

**Bulb Temperature (MAX)**
400.0 °C

**LEED-EB MR Credit**
80 picograms Hg per mean lumen hour

**Additional Info**
TCLP compliant

PHOTOMETRIC CHARACTERISTICS

**Initial Lumens**
9500.0

**Mean Lumens**
8550.0

**Nominal Initial Lumens per Watt**
95

**Color Temperature**
2000.0 K

**Color Rendering Index (CRI)**
22.0

**Effective Arc Length**
1.125 in

ELECTRICAL CHARACTERISTICS

**Amps**
2.1 A

**Wattage**
100.0

**Voltage (MIN)**
110.0

**Burn Position**
Universal burning position

**Open Circuit Voltage (RMS lag ballast) (MIN)**
110.0 V

**Warm Up Time to 90%**
4.0 min

**Hot Restart Time to 90%**
1.0 min

DIMENSIONS

**Maximum Overall Length (MOL)**
7.750 in (196.8 mm)

**Nominal Length**
7.750 in (196.8 mm)

**Bulb Diameter (DIA)**
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

**Package UPC**
043168853699

GRAPHS & CHARTS

Graphs_Spectral Power Distribution
Graphs_Lumen Maintenance