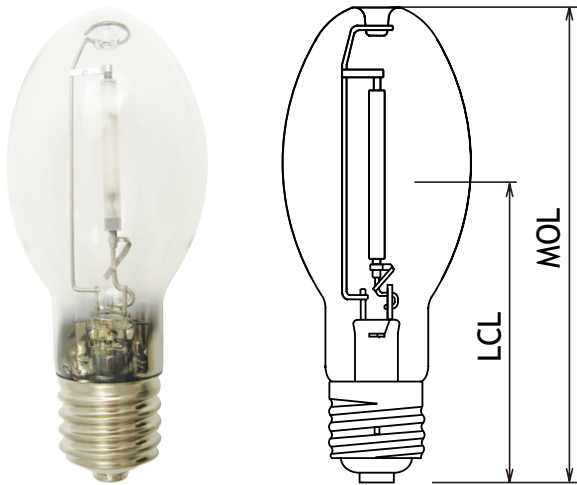


TECHNICAL INFORMATION BULLETIN

Ordering Information

Order Code: 70159
Description: LU50/ECO STD
UPC: 069549032217
Case Quantity: 12
ANSI Code: S68/E

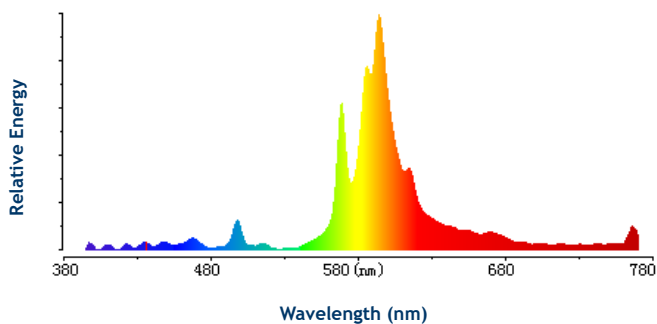


Performance Data

Wattage (W): 50
Initial Lumens (lm): 4 000
Mean Lumens (lm): 3 600
Lumens per Watt (lm/W): 76
Lamp Voltage (V): 52
Nominal Lamp Current (A): 1.18
Colour Temperature (K): 1 900
Chromaticity (x,y): 0.5338,0.4135
CRI: 22
Average Life (hrs): 24 000
Lamp Lumen Depreciation: 98% @ 10 000 hrs
Warm Up Time to 90% (min): 5
Hot Restart Time to 90% (min): 2-3
Burn Position: Universal
Max Base Temperature (°C): 210
Max Lamp Temperature (°C): 400
Socket Pulse Rating (kV): 2.5-4.0



Spectral Distribution



Physical Data / Requirements

Shape: ED23.5
Base: E39
Finish: Clear
Luminaire Rating: Enclosed
Max Bulb Diameter - mm (in): 76 (3)
MOL - mm (in): 197 (7 3/4)
LCL - mm (in): 127 (5)
Effective Arc Length (mm): 23
Max Base to Bulb Eccentricity (°): 3
Lamp Material: Borosilicate
Arc Tube Material: PCA
TCLP Compliant: Yes
Mercury Content (mg): 8

Warning

“R” WARNING: THIS LAMP CAN CAUSE SERIOUS SKIN BURN AND EYE INFLAMMATION FROM SHORTWAVE ULTRAVIOLET RADIATION IF THE OUTER ENVELOPE OF THE LAMP IS BROKEN OR PUNCTURED. DO NOT USE WHERE PEOPLE WILL REMAIN FOR MORE THAN A FEW MINUTES UNLESS ADEQUATE SHIELDING OR OTHER SAFETY PRECAUTIONS ARE USED. LAMPS THAT WILL AUTOMATICALLY EXTINGUISH WHEN THE OUTER ENVELOPE IS BROKEN OR PUNCTURED ARE COMMERCIALY AVAILABLE. Complies with USA Federal Standard 21 CFR 1040.30 and Canada Standard C.R.C., c. 1370.