

# Technical Information Bulletin

## BOTANILUX HID Lamps



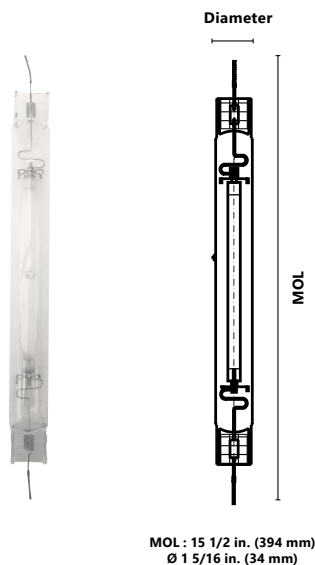
Date: \_\_\_\_\_ Name of distributor: \_\_\_\_\_  
In hands date of project: \_\_\_\_\_ Client #: \_\_\_\_\_  
Project name/Number: \_\_\_\_\_ Name of end user: \_\_\_\_\_

### ORDERING INFORMATION

Order code: 67314  
Description: LU1000DE/BTL  
UPC: 69549673144  
Case QTY: 12  
ANSI code: E

### PHYSICAL DATA

Shape: T32.5  
Base: -  
Finish: Clear  
Bulb Material: UV block quartz  
Luminaire Rating: Open  
Burn Position: HOR  
MOL (mm): 394  
Diameter (mm): 34  
LCL (mm): -  
Effective arc length (mm): 160  
Mercury content (mg): 45



### PERFORMANCE DATA

Initial lumens (lm): 145 000  
Mean lumens (lm): 140 000  
Initial lumens per watt: 140  
Watts (W): 1000  
Lampe voltage (V): 230  
Colour Temperature (K): 2 000  
Chromaticity (x,y): 0.52, 0.42  
CRI: 30  
Average life (hrs): 10 000  
Warm up time (min.): 7  
Hot restart time (min.): ≤3  
Bulb Temperature (max °C): 700  
Cap-Base Temperature (max °C): 250  
PAR Value (400-700 nm): 2 050 µmol/s  
Ballast Type: Electronic & magnetic



WARRANTY

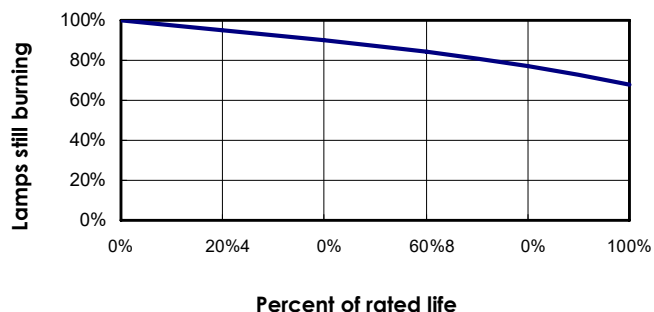
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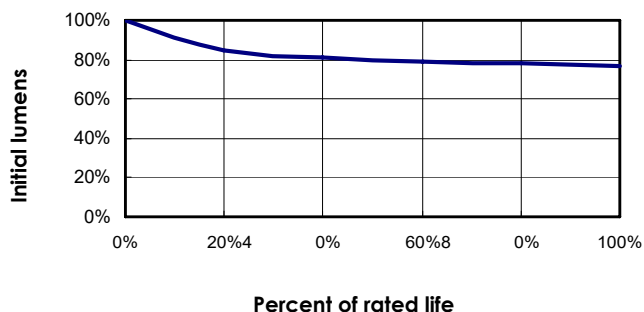


ORDER CODE: 67314

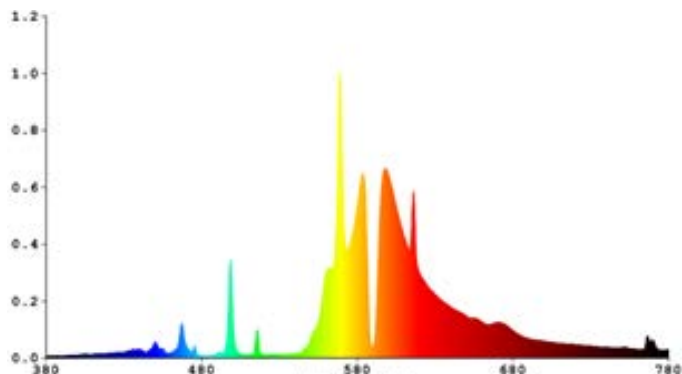
### TYPICAL LAMP MORTALITY



### TYPICAL LUMEN MAINTENANCE



### SPECTRAL DISTRIBUTION



### CAUTIONS

- Operate lamps in specified burning position with compatible electrical equipment. The ANSI code on the lamp must match the code on the ballast or luminaire.
- Electrically insulate any metal supports in the luminaire to avoid decomposition of glass.
- Protect lamp from direct contact with rain, sleet, or snow as it may result in lamp breakage.
- Screw lamp into socket firmly but not forcibly. Use of excessive force may result in lamp breakage.
- Replace lamp if scratched, cracked or damaged in any way.
- Turn power off and let lamp cool before removal to avoid potential electric shock and burns during lamp replacement.
- Replace lamp at or before the end of rated life. Beyond rated life, the risk of rupture increases, light output diminishes, and energy consumption may increase. See specification sheets or website for life ratings.
- If the outer envelope breaks or is punctured and lamp continues to operate, immediately turn power off and remove lamp after it has cooled.

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.

STANDARD PRODUCTS INC. will not be responsible for property damage, personal injury, poor lamp performance, burns or fire resulting from failure to follow the above instructions.

Qty	Description	Price

I accept the specifications of the luminaire configuration mentioned above.

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_