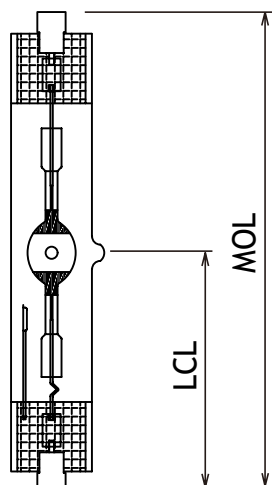


TECHNICAL INFORMATION BULLETIN

Specialty

Ordering Information

Order code: 68878
Description: MH-DE 70W/UVS/4K STD
UPC: 069549020030
Case quantity: 12
ANSI code: M85/E

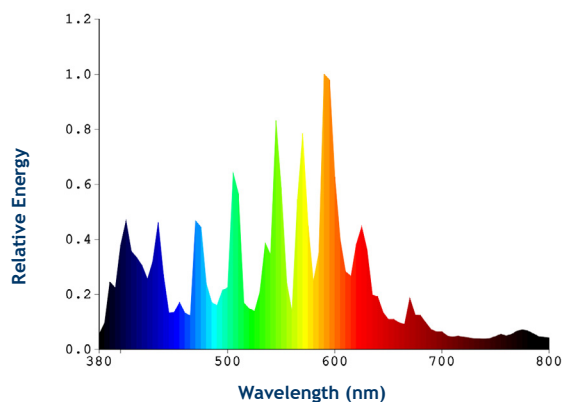


Performance Data

Wattage (W): 70
Initial lumens (lm): 5 500
Mean lumens (lm): 4 250
Lumens per watt (lm/W): 71
Lamp voltage (V): 85
Colour temperature (K): 4 200
Chromaticity (x,y): 0.385, 0.390
CRI: 60
Average life (hrs): 12 000
Lamp lumen depreciation: 0.65 (65%) @ 4 000 hrs
Warm up time to 90% (min): 1-2
Hot restart time to 90% (min): 2-4
Burn Position: Horizontal $\pm 45^\circ$
Dimming: 50% rated power
Max base temperature ($^\circ\text{C}$): 280
Max lamp temperature ($^\circ\text{C}$): 500
Socket pulse rating (kV): 5



Spectral Distribution



Physical Data / Requirements

Shape: T6
Base: RSC / R7s
Finish: Clear
Luminaire rating: Enclosed
Diameter (mm/in.): 20.0 (25/32)
MOL (mm/in.): 117.6 (4 5/8)
LCL (mm/in.): 57.0 (2 1/4)
Effective arc length (mm): 8.5
Mercury Content (mg): 13.0

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.