



Product Specification Bulletin

250 Watt

Specialty Lamp

Clear - 3K
Enclosed Luminaire
Featuring UV Shield®



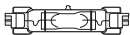
Horizontal ± 45°

MH-DE 250W/UVS/3K/Fc2	Product Number	84727
Lamp Type	DOUBLE ENDED METAL HALIDE	
ANSI	M80/E Compatible	
Performance Data		
<i>Light Output (Lumens @ 100 Hrs.)</i>	20000	
<i>Lamp Lumens Per Watt</i>	80	
<i>Rated Life (Hrs. @ 10 Hr. / Start)</i>	10000	
<i>Correlated Colour Temperature K</i>	3000	
<i>Chromaticity (CIE -X,Y)</i>	.435 .400	
<i>Colour Rendering Index (CRI) or (Ra)</i>	70	
<i>Typical Warm Up Time (Minutes)</i>	2-4	
<i>Typical Hot Restart Time (Minutes)</i>	5-10	
<i>Burning Position</i>	Horizontal ± 45°	
Physical Data / Requirements		
<i>Base Designation</i>	Fc2	
<i>Bulb Designation</i>	T25 (T8 USA)	
<i>Bulb Diameter</i>	25 mm	
<i>Insertion Length</i>	163 mm	
<i>Contact to Contact Length</i>	-	
<i>Effective Arc Length</i>	27 mm	
<i>Max. Base Temperature (°C)</i>	300	
<i>Max. Bulb Temperature (°C)</i>	650	
<i>Luminaire Type</i>	Enclosed Rated	
<i>Socket Pulse Rating (KV)</i>	5	
Electrical Data / Requirements		
<i>IEC Standard</i>	61167	
<i>Lamp Wattage</i>	250	
<i>Operating Voltage</i>	100	
<i>Operating Current (Amps)</i>	3.0	
<i>Min. Open Circuit Voltage (RMS)</i>	198	
<i>Min.- Max. Starting Pulse (Peak V)</i>	3500-5000	
<i>Min. Pulse Width at 3200 (microseconds)</i>	1	
<i>Min. Pulse Rate Per 1/2 Cycle</i>	1	
<i>Pulse Position (Electrical Degrees)</i>	60-90, 240-270	
Revision:	5/15/2015	1572 - 5

Notes:

► The outer jacket is made from fused silica (quartz). Lamps require enclosures which protect users from exposure to ultraviolet radiation.

Lamps



Complies with (CE), Low Voltage (CE), WEEE and RoHS Directives

Warning: This lamp can cause skin burn and eye inflammation from shortwave ultraviolet radiation if 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 outer envelope is broken or punctured are commercially available.