



Product Specification Bulletin

150 Watt

Specialty Lamp

Clear - 10K+
 Enclosed Luminaire
 Featuring UV Shield®



MH-DE 150W/UVS/10K PLUS	Product Number	80244
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Lamp Type	DOUBLE ENDED METAL HALIDE	
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Control Gear	M81/E or M102/E	
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Performance Data		
<i>Light Output (Lumens @ 100 Hrs.)</i>	-	
<i>Lamp Lumens Per Watt</i>	████████████████████████████████████████████████████████████████████████████████	
<i>Rated Life (Hrs. @ 10 Hr. / Start)</i>	5000	
<i>Correlated Colour Temperature K</i>	10000+	
<i>Chromaticity (CIE -X, Y)</i>	.300 .350	
<i>Colour Rendering Index (CRI) or (Ra)</i>	65	
<i>Typical Warm Up Time (Minutes)</i>	2-4	
<i>Typical Hot Restart Time (Minutes)</i>	4-8	
<i>Burning Position</i>	Horizontal ± 45°	

Physical Data / Requirements		
<i>Base Designation</i>	RSC (R7s)	
<i>Bulb Designation</i>	T23 (T7 USA)	
<i>Bulb Diameter</i>	23 mm	
<i>Insertion Length</i>	135.4 mm	
<i>Contact to Contact Length</i>	132.0 mm	
<i>Effective Arc Length</i>	22.3 mm	
<i>Max. Base Temperature (°C)</i>	280	
<i>Max. Bulb Temperature (°C)</i>	650	
<i>Luminaire Type</i>	Enclosed Rated	
<i>Socket Pulse Rating (KV)</i>	6	

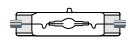
Electrical Data / Requirements		
<i>IEC Standard</i>	-	
<i>Lamp Wattage</i>	150	
<i>Operating Voltage</i>	95	
<i>Operating Current (Amps)</i>	1.8	
<i>Min. Open Circuit Voltage (RMS)</i>	210	
<i>Min.- Max. Starting Pulse (Peak V)</i>	3500-6000	
<i>Min. Pulse Width at 2700 (microseconds)</i>	1	
<i>Min. Pulse Rate Per 1/2 Cycle</i>	1	
<i>Pulse Position (Electrical Degrees)</i>	60-90, 240-270	

Revision:	15-Sep-14	2051 - 6
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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.