



# Product Specification Bulletin

70 Watt

DOUBLE ENDED COMPACT

**UNI-FORM**<sup>®</sup>  
PULSE START SYSTEM

Clear - 3K  
Enclosed Luminaire  
Featuring UV Shield<sup>®</sup> HORIZONTAL ± 45°



<b>MH-DE 70W/UVS/3K</b>	<b>Product Number</b>	<b>16786</b>
<b>Lamp Type</b>	DOUBLE ENDED METAL HALIDE	
<b>Control Gear</b>	REACTOR/IGNITOR OR M85/E	
<b>Performance Data</b>		
<i>Light Output (Lumens @ 100 Hrs.)</i>	5200	
<i>Lamp Lumens Per Watt</i>	69	
<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>	1-2	
<i>Typical Hot Restart Time (Minutes)</i>	2-4	
<i>Burning Position</i>	HORIZONTAL ± 45°	
<b>Physical Data / Requirements</b>		
<i>Base Designation</i>	RSC (R7s)	
<i>Bulb Designation</i>	T20 (T6 USA)	
<i>Bulb Diameter</i>	20 mm	
<i>Insertion Length</i>	117.6 mm	
<i>Contact to Contact Length</i>	114.2 mm	
<i>Effective Arc Length</i>	8.6 mm	
<i>Max. Base Temperature (°C)</i>	280	
<i>Max. Bulb Temperature (°C)</i>	500	
<i>Luminaire Type</i>	ENCLOSED	
<i>Socket Pulse Rating (KV)</i>	6	
<b>Electrical Data / Requirements</b>		
<i>IEC Standard</i>	61167	
<i>Lamp Wattage</i>	75	
<i>Operating Voltage</i>	95	
<i>Operating Current (Amps)</i>	.90	
<i>Min. Open Circuit Voltage (RMS)</i>	198	
<i>Min.- Max. Starting Pulse (Peak V)</i>	3500-6000	
<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	
<b>Revision:</b>	07-Mar-06	1588 - 7

### Notes:

▶ UV Shield eliminates nearly all UV emissions; reducing color fading and lens yellowing.

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.