



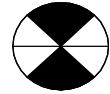
# Product Specification Bulletin

150 Watt

DAYLIGHT COLOR

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

Clear - 6K  
Full Spectrum Output  
Featuring UV Shield<sup>®</sup> HORIZONTAL ± 45°



|   |                               |              |
|---|-------------------------------|--------------|
| <b>MH-DE 150W/UVS/FS/6K</b>                     | <b>Product Number</b>         | <b>29963</b> |
| <b>Lamp Type</b>                                | DOUBLE ENDED METAL HALIDE     |              |
| <b>Control Gear</b>                             | REACTOR/IGNITOR OR M81 / M102 |              |
| <b>Performance Data</b>                         |                               |              |
| <i>Light Output (Lumens @ 100 Hrs.)</i>         | 10000                         |              |
| <i>Lamp Lumens Per Watt</i>                     | 67                            |              |
| <i>Rated Life (Hrs. @ 10 Hr. / Start)</i>       | 10000                         |              |
| <i>Correlated Colour Temperature K</i>          | 6500                          |              |
| <i>Chromaticity (CIE -X, Y)</i>                 | .310 .320                     |              |
| <i>Colour Rendering Index (CRI) or (Ra)</i>     | 80                            |              |
| <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(RX7s)                     |              |
| <i>Bulb Designation</i>                         | T23 / T8 (in.)                |              |
| <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>                     | 15.0 mm                       |              |
| <i>Max. Base Temperature (°C)</i>               | 280                           |              |
| <i>Max. Bulb Temperature (°C)</i>               | 650                           |              |
| <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>                             | 150                           |              |
| <i>Operating Voltage</i>                        | 95                            |              |
| <i>Operating Current (Amps)</i>                 | 1.8                           |              |
| <i>Min. Open Circuit Voltage (RMS)</i>          | 198                           |              |
| <i>Min.- Max. Starting Pulse (Peak V)</i>       | 2800-6000                     |              |
| <i>Min. Pulse Width at 2700V (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>                                | 08-Aug-02                     | 2258 - 1     |

### Notes:

▶ UV Shield reduces normal UV emissions by 70-80%.

Lamps



An Advanced Lighting Technologies Company