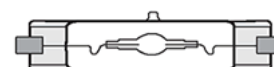


Double Ended & G12 lamps

Description: MH-DE 70W/UVS/4K

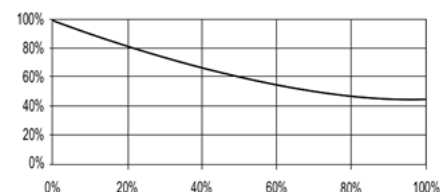
Performance Data

Rated Light Output (Lumens @ 100 hours)	5500
Lamp Lumens per Watt (100hrs)	73
Rated Life (Hrs @ 10Hr./Start)	10000
Correlated Colour Temperature (K)	4200
Chromaticity (CIE - X Y)	377,390
Colour Rendering Index (CRI) or (Ra)	70
Typical Warm Up Time (Minutes)	2-3
Typical Hot Restart Time (Minutes)	4-6
Burning Position	Horizontal±45°
S/P (Multiplier)	1.7

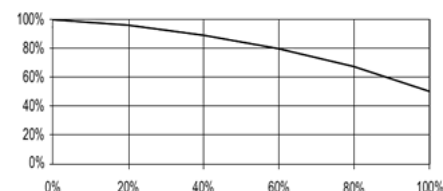


Physical Data

Base Designation	Rx7s
Bulb Designation	T20
Bulb Diameter (mm)	20
Max. Overall Length (mm)	117.6
Light Centre Length (mm)	114.2
Effective Arc Length (mm)	9
Max. Base Temperature (°C)	280
Max. Bulb Temperature (°C)	500
Luminaire Type	Enclosed
Socket Pulse Rating (KV)	6
Mercury Content (mg)	7.8



Lumen Maintenance (Light Output vs. Rated Life)



Lamp Mortality (Survivors vs. Rated Life)

Lamp Electrical Data

IEC Standard	61167
Nominal Lamp Wattage (W)	75
Lamp Operating Voltage (V)	95
Lamp Operating Current (A)	0.9
Min. Open Circuit Voltage (RMS)	198
Min. Starting Pulse (Peak V)	1800-4500
Min. Pulse Width (Microseconds)	1 @3200V
Min. Pulse Rate Per ½ cycle	1
Pulse Position (Electrical Degrees)	60-90, 240-270

Revision: 19-04-2011

See page 2 for product notes

Double Ended & G12 lamps

Notes:

This Product Specification contains data about typical performance at nominal power. Actual values may depend on ballast and applications. Complies with (CE), Low Voltage (CE), WEEE and RoHS Directives.