

Description: MBIL S 1500W

Performance Data

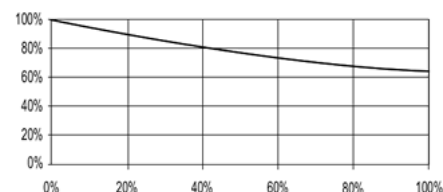
Rated Light Output (Lumens @ 100 hours)	130000
Lamp Lumens per Watt (100hrs)	87
Rated Life (Hrs @ 10Hr./Start)	6000
Correlated Colour Temperature (K)	5200
Chromaticity (CIE - X Y)	340,360
Colour Rendering Index (CRI) or (Ra)	65
Typical Warm Up Time (Minutes)	2-4
Typical Hot Restart Time (Minutes)	5-10
S/P (Multiplier)	2.1
Energy Rating (ErP)	A 1650 kWh/1000h

Physical Data

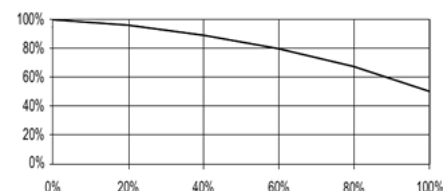
Base Designation	Rx7s
Bulb Designation	T20 (T7 USA)
Bulb Diameter (mm)	20
Max. Overall Length (mm)	256
Effective Arc Length (mm)	166
Max. Base Temperature (°C)	350
Max. Bulb Temperature (°C)	850
Socket Pulse Rating (KV)	6
Mercury Content (mg)	51.0

Lamp Electrical Data

Nominal Lamp Wattage (W)	1500
Lamp Operating Voltage (V)	250
Lamp Operating Current (A)	6.7
Min. Open Circuit Voltage (RMS)	342
Min. Starting Pulse (Peak V)	4000-6000
Min. Pulse Width (Microseconds)	1.3 @3600V
Min. Pulse Rate Per ½ cycle	1
Pulse Position (Electrical Degrees)	60-90, 240-270



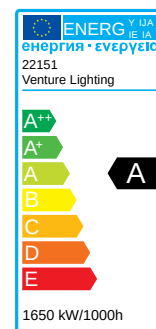
Lumen Maintenance (Light Output vs. Rated Life)



Lamp Mortality (Survivors vs. Rated Life)

Revision: 30-08-2012

See page 2 for product notes



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.