

# Product Specification

**1000 Watt**

**E40 Clear**

Lamp Current (A): 9.5A  
 Ignitor Voltage (Min.): 0.004KV  
 Luminaire Rating: Enclosed  
 Burning Position: Universal

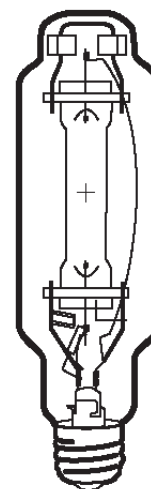
**HIT 1000W/HBU/U76.CDX**

**Product Number: 00228**

**Lamp Type:** Tubular Metal Halide

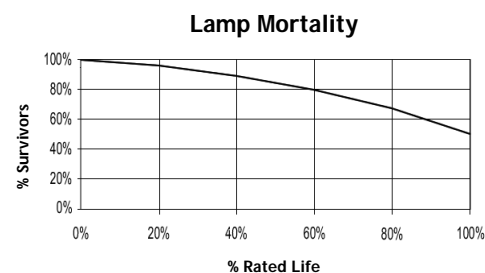
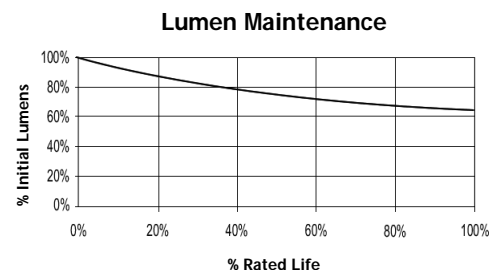
## Performance Data

Dominant Wavelength	80000
% Saturation	312
Rated Life (Hrs. @ 10 Hr. /Start)	8000
Correlated Colour Temperature (K)	7200
Chromaticity (CIE - X Y)	338, 351
Colour Rendering Index (CRI) or (Ra)	65
Typical Warm Up Time (Minutes)	3-5
Typical Hot Restart Time (Minutes)	5-10
Burning Position	Universal



## Physical Data / Requirements

Base Designation	E40
Bulb Designation	T76
Bulb Diameter (mm)	76
Max. Overall Length (mm)	340
Light Centre Length (mm)	220
Effective Arc Length (mm)	80
Max. Base Temperature (°C)	250
Max. Bulb Temperature (°C)	525
Luminaire Type	Enclosed
Socket Pulse Rating (KV)	4-5
Mercury Content (mg)	80



## Lamp Electrical Data / Requirements

IEC Standard	-
Lamp Wattage (W)	1000
Lamp Operating Voltage (V)	120
Lamp Operating Current (Amps)	9.5
Min. Open Circuit Voltage (RMS)	198
Min. Starting Pulse (Peak V)	4-5
Min. Pulse Width at 2700V (microseconds)	2
Min. Pulse Rate Per ½ cycle	1
Pulse Position (Electrical Degrees)	60-90, 240-270

**Revision:** -

## Notes:

1) 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.