

Product Specification

250 Watt
E40 Clear

Lamp Current (A): 3.1A
 Ignitor Voltage (Min.): 2.8KV
 Luminaire Rating: Enclosed
 Burning Position: Universal

HIT 250W/U/LU/740
Product Number: 48768
Lamp Type: White-Lux Plus

Performance Data

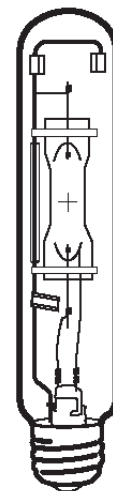
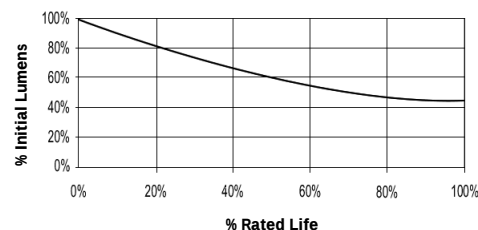
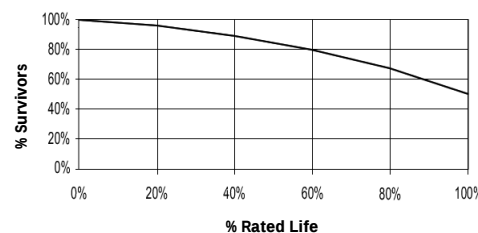
Light Output (Lumens @ 100 hours)	19000
Lamp Lumens Per Watt	76
Rated Life (Hrs. @ 10 Hr. /Start)	10000
Correlated Colour Temperature (K)	4000
Chromaticity (CIE - X Y)	385, 390
Colour Rendering Index (CRI) or (Ra)	68
Typical Warm Up Time (Minutes)	3-5
Typical Hot Restart Time (Minutes)	5-10
Burning Position	Universal

Physical Data / Requirements

Base Designation	E40
Bulb Designation	T46
Bulb Diameter (mm)	46
Max. Overall Length (mm)	225
Light Centre Length (mm)	146
Effective Arc Length (mm)	30
Max. Base Temperature (°C)	250
Max. Bulb Temperature (°C)	450
Luminaire Type	Enclosed
Socket Pulse Rating (KV)	4.5
Mercury Content (mg)	15.0

Lamp Electrical Data / Requirements

IEC Standard	-
Lamp Wattage (W)	250
Lamp Operating Voltage (V)	95
Lamp Operating Current (Amps)	3.1
Min. Open Circuit Voltage (RMS)	198
Min. Starting Pulse (Peak V)	2800-4500
Min. Pulse Width at 2500V (microseconds)	1
Min. Pulse Rate Per ½ cycle	1
Pulse Position (Electrical Degrees)	60-90, 240-270


Lumen Maintenance

Lamp Mortality

Revision: 07.06.12

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.
- 2) Lamp data is based on vertical operation. For horizontal operation lumen output will be reduced by 10% and lamp life reduced by 25%.