

Description: HIT 250W/U/LU/740

Performance Data

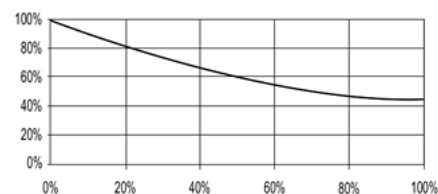
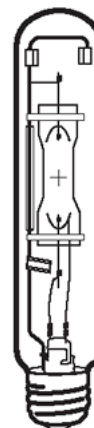
Rated Light Output (Lumens @ 100 hours)	19000
Lamp Lumens per Watt (100hrs)	76
Rated Life (Hrs @ 10Hr./Start)	10000
Correlated Colour Temperature (K)	4000
Chromaticity (CIE - X Y)	385,390
Colour Rendering Index (CRI) or (Ra)	68
Typical Warm Up Time (Minutes)	3-5
Typical Hot Restart Time (Minutes)	5-10
S/P (Multiplier)	1.7
Energy Rating (ErP)	A 275 kWh/1000h

Physical Data

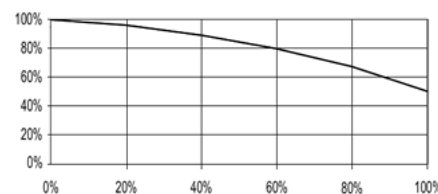
Base Designation	E40
Bulb Designation	T46
Bulb Diameter (mm)	46
Max. Overall Length (mm)	225
Light Centre Length (mm)	146
Effective Arc Length (mm)	30
Max. Base Temperature (Å°C)	250
Max. Bulb Temperature (Å°C)	450
Socket Pulse Rating (KV)	4.5
Mercury Content (mg)	15.0

Lamp Electrical Data

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



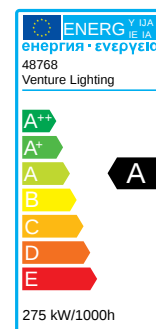
Lumen Maintenance (Light Output vs. Rated Life)



Lamp Mortality (Survivors vs. Rated Life)

Revision: 07-06-2012

See page 2 for product notes



Notes:

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

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.