

Description: HIT 250W/U/DU/5K

Performance Data

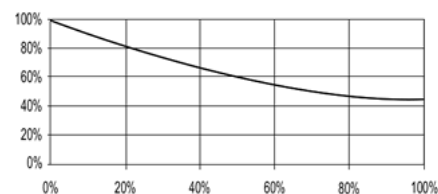
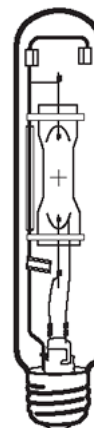
Rated Light Output (Lumens @ 100 hours)	14000	18000
Lamp Lumens per Watt (100hrs)	64	69
Rated Life (Hrs @ 10Hr./Start)	10000	10000
Correlated Colour Temperature (K)	5200	4900
Chromaticity (CIE - X Y)	TBD TBD	TBD TBD
Colour Rendering Index (CRI) or (Ra)	75	75
Typical Warm Up Time (Minutes)	3-5	3-5
Typical Hot Restart Time (Minutes)	10-15	10-15
S/P (Multiplier)	2.1	
Energy Rating (ErP)	A 242 kWh/1000h	A 286 kWh/1000h

Physical Data

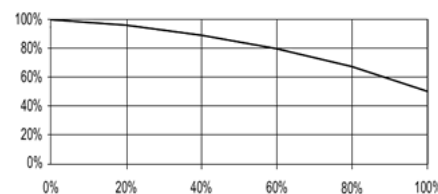
Base Designation	E40
Bulb Designation	T46
Bulb Diameter (mm)	46
Max. Overall Length (mm)	225
Light Centre Length (mm)	146
Effective Arc Length (mm)	22
Max. Base Temperature (Â°C)	250
Max. Bulb Temperature (Â°C)	500
Socket Pulse Rating (KV)	4.5
Mercury Content (mg)	21.7

Lamp Electrical Data

Nominal Lamp Wattage (W)	220	260
Lamp Operating Voltage (V)	110	110
Lamp Operating Current (A)	2.3	2.7
Min. Open Circuit Voltage (RMS)	198	198
Min. Starting Pulse (Peak V)	600V	2800-4500
Min. Pulse Width (Microseconds)	260 @540V	1 @ 2500V
Min. Pulse Rate Per ½ cycle	1	1
Pulse Position (Electrical Degrees)	60-90,	60-90, 240-270



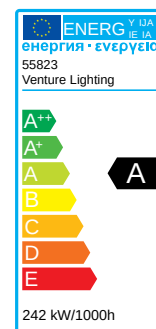
Lumen Maintenance (Light Output vs. Rated Life)



Lamp Mortality (Survivors vs. Rated Life)

Revision: 19-09-2013

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.