Product Code: 33950

Euro Lamps

Description: HIT 250W/U/EURO/4K

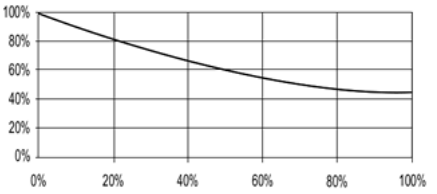
Performance Data

Rated Light Output (Lumens @ 100 hours)	21000
Lamp Lumens per Watt	84
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
Burning Position	Universal
Energy Rating (ErP)	A 275 kWh/1000h

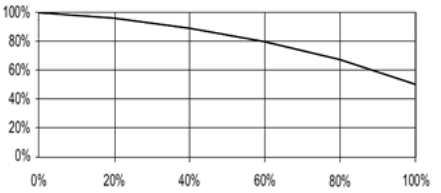


Physical Data

Base Designation	E40
Bulb Designation	T46
Bulb Diameter (mm)	46
Max. Overall Length (mm)	225
Light Centre Length (mm)	146
Effective Arc Length (mm)	26.5
Max. Base Temperature (°C)	250
Max. Bulb Temperature (°C)	450
Luminaire Type	Enclosed
Socket Pulse Rating (KV)	4
Mercury Content (mg)	30.0



Lumen Maintenance (Light Output vs. Rated Life)



Lamp Mortality (Survivors vs. Rated Life)

Lamp Electrical Data

Nominal Lamp Wattage (W)	250
Lamp Operating Voltage (V)	133
Lamp Operating Current (A)	2.1
Min. Open Circuit Voltage (RMS)	198
Min. Starting Pulse (Peak V)	600
Min. Pulse Width (Microseconds)	260 @540V
Min. Pulse Rate Per ½ cycle	1
Pulse Position (Electrical Degrees)	60-90, 240-270

Revision: 07-06-2012

See page 2 for product notes

Venture Lighting Europe Ltd., Trinity Court, Batchworth Island, Church Street, Rickmansworth, WD3 1RT, United Kingdom
Tel: +44 (0) 845 230 2222, Fax: +44 (0) 845 230 2077, www.venturelightingeurope.com

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Notes:

This lamp is also compatible with a 3.0-4.5kV ignitor

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

For this lamp 2 wire low voltage ignitors are suitable for operation down to 0°C. A high voltage ignitor (3KV) is suitable down to -20°C.

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.