Product Code: 00403

Description: HPSE 250W/E40/HO

Performance Data

Rated Light Output (Lumens @ 100 hours)	29000
Lamp Lumens per Watt (100hrs)	116
Rated Life (Hrs @ 10Hr./Start)	28000+
Correlated Colour Temperature (K)	2000
Chromaticity (CIE - X Y)	530,420
Colour Rendering Index (CRI) or (Ra)	20
Typical Warm Up Time (Minutes)	5
Typical Hot Restart Time (Minutes)	1
Energy Rating (ErP)	A+ 275 kWh/1000h

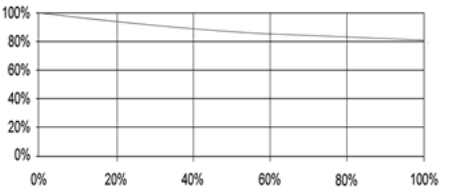
Physical Data

Base Designation	E40
Bulb Designation	E90
Bulb Diameter (mm)	91
Max. Overall Length (mm)	227
Max. Base Temperature (Â°C)	250
Max. Bulb Temperature (Â°C)	400
Socket Pulse Rating (KV)	5
Mercury Content (mg)	6.25

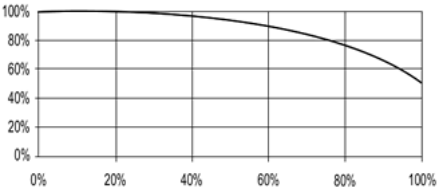
Lamp Electrical Data

Nominal Lamp Wattage (W)	250
Lamp Operating Voltage (V)	100
Lamp Operating Current (A)	3.0
Min. Open Circuit Voltage (RMS)	198
Min. Starting Pulse (Peak V)	3800-4500
Min. Pulse Width (Microseconds)	1
Min. Pulse Rate Per Â½ cycle	1
Pulse Position (Electrical Degrees)	60-90, 240-270





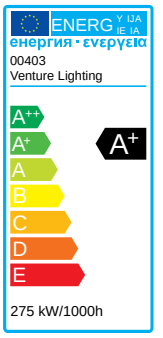
Lumen Maintenance (Light Output vs. Rated Life)



Lamp Mortality (Survivors vs. Rated Life)

Revision: 15-02-2017

See page 2 for product notes



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Product Code: 00403

Notes:

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.

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