

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

Performance Data

Rated Light Output (Lumens @ 100 hours)	21000
Lamp Lumens per Watt (100hrs)	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
S/P (Multiplier)	1.7
Energy Rating (ErP)	A 275 kWh/1000h

Physical Data

Base Designation	E40
Bulb Designation	E90
Bulb Diameter (mm)	90
Max. Overall Length (mm)	215
Light Centre Length (mm)	131
Effective Arc Length (mm)	27
Max. Base Temperature (°C)	250
Max. Bulb Temperature (°C)	400
Mercury Content (mg)	30.0

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,

