

Euro Lamps

Description: HIE 125W/C/HBU/4K

Performance Data

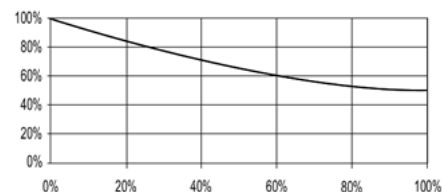
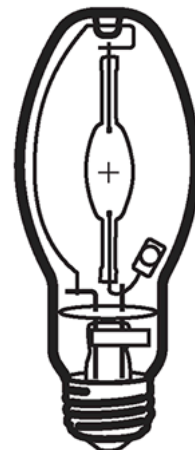
Rated Light Output (Lumens @ 100 hours)	12000
Lamp Lumens per Watt	96
Rated Life (Hrs @ 10Hr./Start)	12000
Correlated Colour Temperature (K)	3700
Chromaticity (CIE - X Y)	395,390
Colour Rendering Index (CRI) or (Ra)	70
Typical Warm Up Time (Minutes)	1-2
Typical Hot Restart Time (Minutes)	2-4
Burning Position	Base Up $\pm 90^\circ$
Energy Rating (ErP)	A+ 138 kWh/1000h

Physical Data

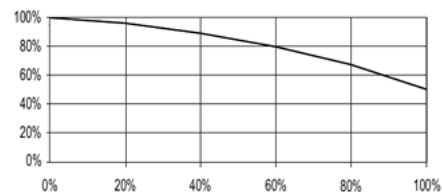
Base Designation	E27
Bulb Designation	E54
Bulb Diameter (mm)	54
Max. Overall Length (mm)	141
Light Centre Length (mm)	89
Max. Base Temperature ($^\circ\text{C}$)	210
Max. Bulb Temperature ($^\circ\text{C}$)	400
Luminaire Type	Enclosed
Socket Pulse Rating (KV)	4.5
Mercury Content (mg)	16.1

Lamp Electrical Data

Nominal Lamp Wattage (W)	125
Lamp Operating Voltage (V)	125
Lamp Operating Current (A)	1.1
Min. Open Circuit Voltage (RMS)	198
Min. Starting Pulse (Peak V)	1800-2300
Min. Pulse Width (Microseconds)	1 @ 1620V
Min. Pulse Rate Per $\frac{1}{2}$ 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

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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.