

Single Ended Metal Halide Lamps

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

Performance Data

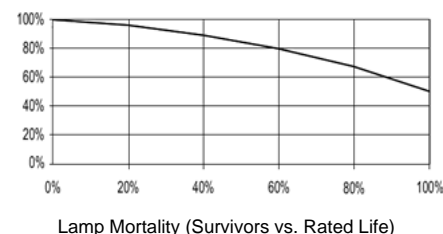
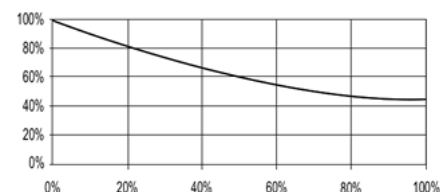
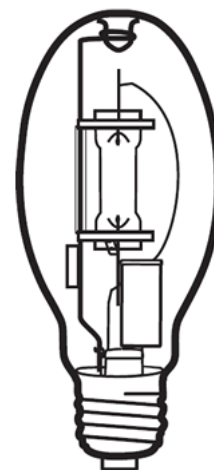
Rated Light Output (Lumens @ 100 hours)	10000
Lamp Lumens per Watt (100hrs)	80
Rated Life (Hrs @ 10Hr./Start)	10000
Correlated Colour Temperature (K)	4000
Chromaticity (CIE - X Y)	385,390
Colour Rendering Index (CRI) or (Ra)	70
Typical Warm Up Time (Minutes)	3-5
Typical Hot Restart Time (Minutes)	5-10
Burning Position	Base Up $\pm 90^\circ$
Energy Rating (ErP)	A 138 kWh/1000h

Physical Data

Base Designation	E27
Bulb Designation	ED75
Bulb Diameter (mm)	75
Max. Overall Length (mm)	178
Light Centre Length (mm)	113
Max. Base Temperature (°C)	210
Max. Bulb Temperature (°C)	400
Luminaire Type	Enclosed
Mercury Content (mg)	22.5

Lamp Electrical Data

Nominal Lamp Wattage (W)	125
Lamp Operating Voltage (V)	125
Lamp Operating Current (A)	1.15
Min. Open Circuit Voltage (RMS)	198
Min. Pulse Width (Microseconds)	1 @2500V
Min. Pulse Rate Per $\frac{1}{2}$ cycle	1
Pulse Position (Electrical Degrees)	60-90, 240-270



Revision: 21-04-2015

See page 2 for product notes

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Notes:

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

This lamp contains an internal starter and has been designed as a retrofit replacement for 125W mercury lamps.

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.