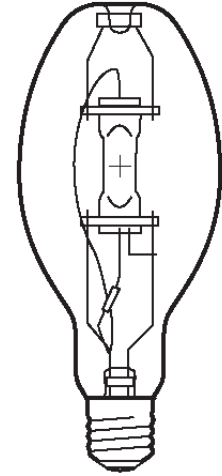


Lamp Current (A): 3.2A
 Ignitor Voltage (Min.): 0.6KV
 Luminaire Rating: Enclosed
 Burning Position: Base Up ±15°

HIE 400W/BU/EURO/4K
Product Number: 33544
Lamp Type: Euro Metal Halide

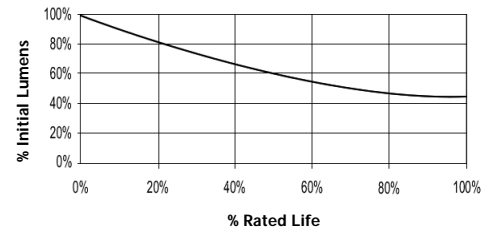
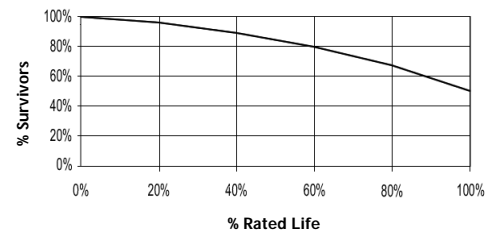
Performance Data

Light Output (Lumens @ 100 hours)	40000
Lamp Lumens Per Watt	100
Rated Life (Hrs. @ 10 Hr. /Start)	15000
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)	10-15
Burning Position	Base Up ±15°



Physical Data / Requirements

Base Designation	E40
Bulb Designation	E120
Bulb Diameter (mm)	120
Max. Overall Length (mm)	296
Light Centre Length (mm)	182
Effective Arc Length (mm)	35.2
Max. Base Temperature (°C)	250
Max. Bulb Temperature (°C)	400
Luminaire Type	Enclosed
Socket Pulse Rating (KV)	4
Mercury Content (mg)	

Lumen Maintenance

Lamp Mortality


Lamp Electrical Data / Requirements

IEC Standard	-
Lamp Wattage (W)	400
Lamp Operating Voltage (V)	135
Lamp Operating Current (Amps)	3.2
Min. Open Circuit Voltage (RMS)	198
Min. Starting Pulse (Peak V)	600
Min. Pulse Width at 540V (microseconds)	1
Min. Pulse Rate Per ½ cycle	1
Pulse Position (Electrical Degrees)	60-90, 240-270

Revision: 28/02/2006

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.

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