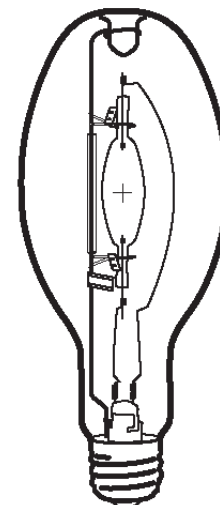


**HIE 400W/C/V/LU/737**
**Product Number: 54695**
**Lamp Type:** White-Lux Plus

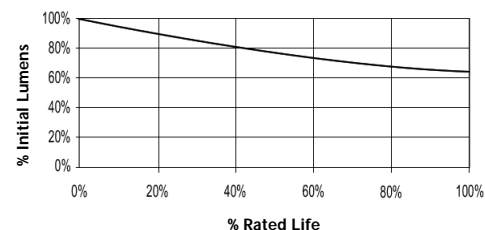
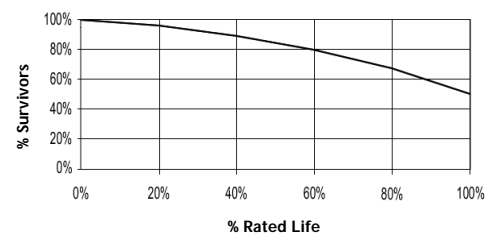
### Performance Data

Light Output (Lumens @ 100 hours)	42000
Lamp Lumens Per Watt	95
Rated Life (Hrs. @ 10 Hr. /Start)	20000
Correlated Colour Temperature (K)	3700
Chromaticity (CIE - X Y)	395, 390
Colour Rendering Index (CRI) or (Ra)	70
Typical Warm Up Time (Minutes)	2-3
Typical Hot Restart Time (Minutes)	4-6
Burning Position	Vertical±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)	N/A
Max. Base Temperature (°C)	250
Max. Bulb Temperature (°C)	400
Luminaire Type	Enclosed
Socket Pulse Rating (KV)	4.5
Mercury Content (mg)	

**Lumen Maintenance**

**Lamp Mortality**


### Lamp Electrical Data / Requirements

IEC Standard	-
Lamp Wattage (W)	440
Lamp Operating Voltage (V)	120
Lamp Operating Current (Amps)	4
Min. Open Circuit Voltage (RMS)	198
Min. - Max. Starting Pulse (Peak V)	2800-4500
Min. Pulse Width at 2700V (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.