

Lamp Current (A): 4A  
 Ignitor Voltage: 2.8-4.5KV  
 Luminaire Rating: Open/Enclosed  
 Burning Position: Vertical±15°

**HIPE 400W/V/LU/UVS/740**
**Product Number: 10077**

**Lamp Type:** White-Lux Plus

### Performance Data

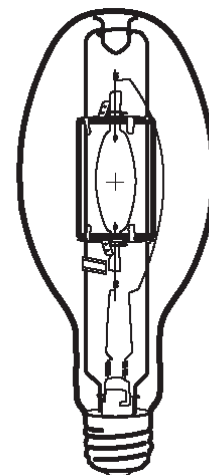
|                                      |              |
|--------------------------------------|--------------|
| Light Output (Lumens @ 100 hours)    | 42000        |
| Lamp Lumens Per Watt                 | 95           |
| Rated Life (Hrs. @ 10 Hr. /Start)    | 20000        |
| Correlated Colour Temperature (K)    | 4000         |
| Chromaticity (CIE - X Y)             | 385, 390     |
| Colour Rendering Index (CRI) or (Ra) | 68           |
| Typical Warm Up Time (Minutes)       | 2-3          |
| Typical Hot Restart Time (Minutes)   | 5-8          |
| Burning Position                     | Vertical±15° |

### Physical Data / Requirements

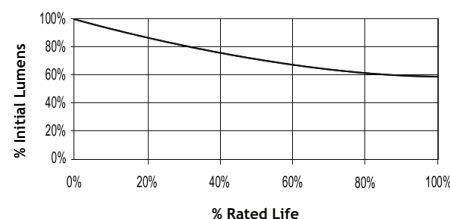
|                            |               |
|----------------------------|---------------|
| Base Designation           | E40           |
| Bulb Designation           | E120          |
| Bulb Diameter (mm)         | 120           |
| Max. Overall Length (mm)   | 296           |
| Light Centre Length (mm)   | 182           |
| Effective Arc Length (mm)  | 43.9          |
| Max. Base Temperature (°C) | 250           |
| Max. Bulb Temperature (°C) | 400           |
| Luminaire Type             | Open/Enclosed |
| Socket Pulse Rating (KV)   | 4.5           |
| Mercury Content (mg)       | 32.0          |

### Lamp Electrical Data / Requirements

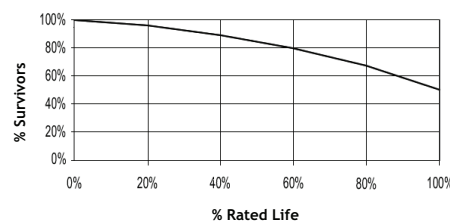
|                                          |                |
|------------------------------------------|----------------|
| IEC Standard                             | -              |
| Lamp Wattage (W)                         | 440            |
| Lamp Operating Voltage (V)               | 120            |
| Lamp Operating Current (Amps)            | 4              |
| Min. Open Circuit Voltage (RMS)          | 198            |
| Min. - Max. Starting Pulse (Peak V)      | 2800-4500      |
| Min. Pulse Width at 2500V (microseconds) | 1              |
| Min. Pulse Rate Per ½ cycle              | 1              |
| Pulse Position (Electrical Degrees)      | 60-90, 240-270 |



**Lumen Maintenance**



**Lamp Mortality**



**Revision:** 19.04.2011

### Notes:

9.gif 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.