

## Uni-form Pulse Start eLamp

Description: HIPE 400W/C/V/UVS/EL/PS/737

### Performance Data

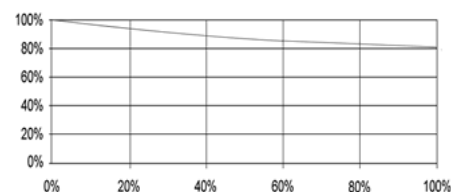
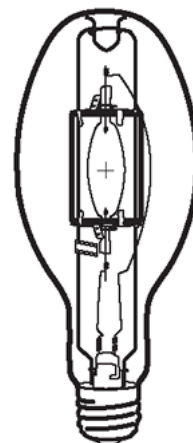
Rated Light Output (Lumens @ 100 hours)	40000
Lamp Lumens per Watt	100
Rated Life (Hrs @ 10Hr./Start)	30000
Correlated Colour Temperature (K)	3700
Chromaticity (CIE - X Y)	395,390
Colour Rendering Index (CRI) or (Ra)	70
Typical Warm Up Time (Minutes)	2-3
Typical Hot Restart Time (Minutes)	5-8
Burning Position	Vertical±15°
S/P (Multiplier)	1.7
Energy Rating (ErP)	A+ 440 kWh/1000h

### Physical Data

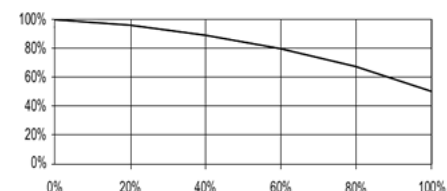
Base Designation	E40
Bulb Designation	E120
Bulb Diameter (mm)	120
Max. Overall Length (mm)	296
Light Centre Length (mm)	182
Max. Base Temperature (°C)	250
Max. Bulb Temperature (°C)	400
Luminaire Type	Open/Enclosed
Socket Pulse Rating (KV)	4.5
Mercury Content (mg)	40.3

### Lamp Electrical Data

Nominal Lamp Wattage (W)	400
Lamp Operating Voltage (V)	135
Lamp Operating Current (A)	3.2
Min. Open Circuit Voltage (RMS)	198
Min. Starting Pulse (Peak V)	3000-4500
Min. Pulse Width (Microseconds)	1 @ 2700V
Min. Pulse Rate Per ½ cycle	1
Pulse Position (Electrical Degrees)	60-90, 240-270



Lumen Maintenance (Light Output vs. Rated Life)



Lamp Mortality (Survivors vs. Rated Life)

Revision: 02-05-2012

\*\*See page 2 for product notes\*\*

## **Uni-form Pulse Start eLamp**

### **Notes:**

Lamp also operates on standard magnetic control gear; Ballast + Ignitor

Formerly was standard Uni-Form Pulse Start

eLamps are optimised for electronic control gear (Ventronic)

Rated life is based on operation with Ventronic® or specifically approved electronic ballasts. For operation on magnetic control gear the rated life is reduced by 30%.

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.