

# Product Specification

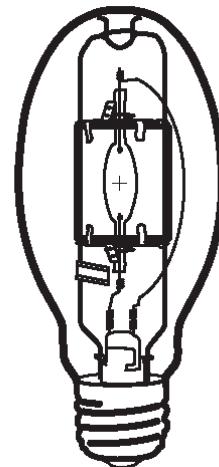
**150 Watt**
**E40 Clear**
**UNI-FORM®**  
PULSE START SYSTEM

**HIPE 150W/U/LU/E90/UVS/740**
**Product Number: 10051**
**Lamp Type:** White-Lux Plus

Lamp Current (A): 1.8A  
 Ignitor Voltage: 2.8-4.5KV  
 Luminaire Rating: Open/Enclosed  
 Burning Position: Universal

**Performance Data**

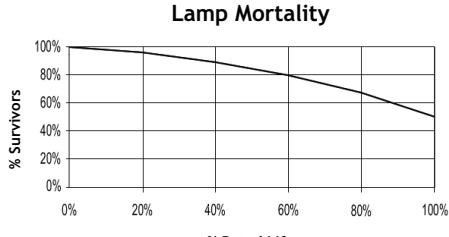
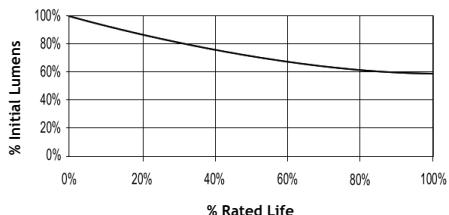
Light Output (Lumens @ 100 hours)	13300V / 12000H
Lamp Lumens Per Watt	89
Rated Life (Hrs. @ 10 Hr. /Start)	15000V / 11250H
Correlated Colour Temperature (K)	4000
Chromaticity (CIE - X Y)	385, 390
Colour Rendering Index (CRI) or (Ra)	68
Typical Warm Up Time (Minutes)	1-2
Typical Hot Restart Time (Minutes)	3-5
Burning Position	Universal


**Physical Data / Requirements**

Base Designation	E40
Bulb Designation	E90
Bulb Diameter (mm)	90
Max. Overall Length (mm)	215
Light Centre Length (mm)	131
Effective Arc Length (mm)	19
Max. Base Temperature (°C)	250
Max. Bulb Temperature (°C)	400
Luminaire Type	Open/Enclosed
Socket Pulse Rating (KV)	4.5
Mercury Content (mg)	

**Lamp Electrical Data / Requirements**

IEC Standard	-
Lamp Wattage (W)	150
Lamp Operating Voltage (V)	95
Lamp Operating Current (Amps)	1.8
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


**Revision:** 28/02/2006

**Notes:**

5.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.