

Lamp Type: Uni-Form Pulse Start

Performance Data

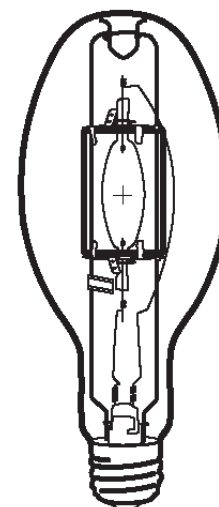
Light Output (Lumens @ 100 hours)	47000
Lamp Lumens Per Watt	104
Rated Life (Hrs. @ 10 Hr. /Start)	30000
Correlated Colour Temperature (K)	4000
Chromaticity (CIE - X Y)	385, 390
Colour Rendering Index (CRI) or (Ra)	68
Typical Warm Up Time (Minutes)	2-3
Typical Hot Restart Time (Minutes)	5-8
Burning Position	Vertical±15°

Physical Data / Requirements

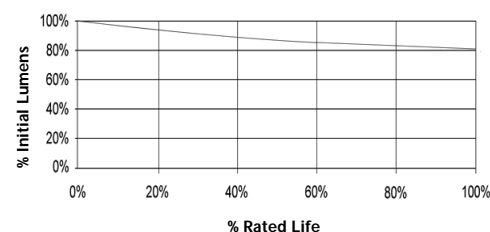
Base Designation	E40
Bulb Designation	E120
Bulb Diameter (mm)	120
Max. Overall Length (mm)	296
Light Centre Length (mm)	182
Effective Arc Length (mm)	43.6
Max. Base Temperature (°C)	250
Max. Bulb Temperature (°C)	450
Luminaire Type	Open/Enclosed
Socket Pulse Rating (KV)	4.5
Mercury Content (mg)	

Lamp Electrical Data / Requirements

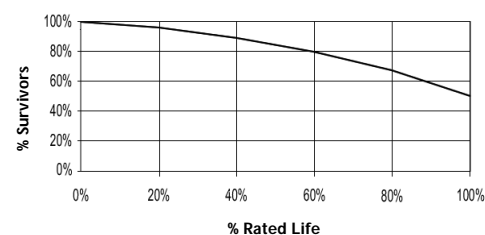
IEC Standard	-
Lamp Wattage (W)	450
Lamp Operating Voltage (V)	135
Lamp Operating Current (Amps)	3.7
Min. Open Circuit Voltage (RMS)	198
Min. - Max. Starting Pulse (Peak V)	3000-4500
Min. Pulse Width at 2700V (microseconds)	1
Min. Pulse Rate Per ½ cycle	1
Pulse Position (Electrical Degrees)	60-90, 240-270



Lumen Maintenance



Lamp Mortality



Revision: 11.03.2011

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.

Rated Life is based on operation with Ventronic® or specifically approved electronic ballasts.

Minimum Operating Temperature: -40°C