

Uni-form Pulse Start Sustainability

Description: HIE 150W/C/U/PS+S/737

Performance Data

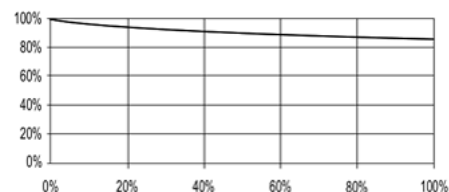
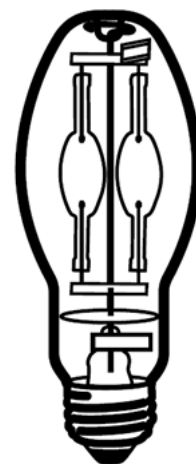
Rated Light Output (Lumens @ 100 hours)	13300
Lamp Lumens per Watt (100hrs)	89
Rated Life (Hrs @ 10Hr./Start)	40000
Correlated Colour Temperature (K)	3700
Chromaticity (CIE - X Y)	395,390
Colour Rendering Index (CRI) or (Ra)	70
Typical Warm Up Time (Minutes)	1-2
Typical Hot Restart Time (Minutes)	2-4
Burning Position	Universal
S/P (Multiplier)	1.7
Energy Rating (ErP)	A+ 165 kWh/1000h

Physical Data

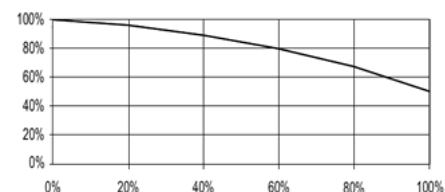
Base Designation	E27
Bulb Designation	E54
Bulb Diameter (mm)	54
Max. Overall Length (mm)	141
Light Centre Length (mm)	89
Max. Base Temperature (°C)	210
Max. Bulb Temperature (°C)	400
Luminaire Type	Enclosed
Socket Pulse Rating (KV)	4.5
Mercury Content (mg)	19.0

Lamp Electrical Data

Nominal Lamp Wattage (W)	150
Lamp Operating Voltage (V)	95
Lamp Operating Current (A)	1.8
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: 17-10-2013

See page 2 for product notes

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Notes:

Lamp data is based on vertical operation. For horizontal operation lumen output will be reduced by 10% and lamp life reduced by 25%.

Rated Life is based upon operation with magnetic ballasts with expected 20% increase when used on Ventronic or approved electronic ballasts.

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.