

Whitelux Plus Lamps

Description: HIE 70W/C/U/LU/732

Performance Data

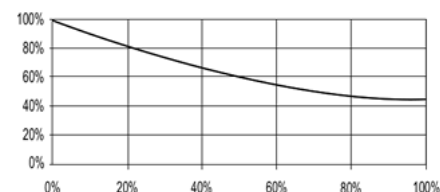
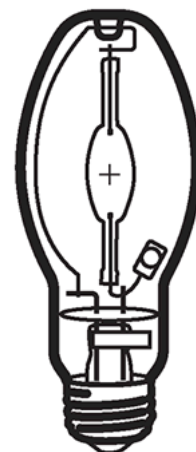
Rated Light Output (Lumens @ 100 hours)	5300
Lamp Lumens per Watt (100hrs)	76
Rated Life (Hrs @ 10Hr./Start)	15000
Correlated Colour Temperature (K)	3200
Chromaticity (CIE - X Y)	420,395
Colour Rendering Index (CRI) or (Ra)	70
Typical Warm Up Time (Minutes)	1-2
Typical Hot Restart Time (Minutes)	1-2
Burning Position	Universal
S/P (Multiplier)	1.4
Energy Rating (ErP)	A 77 kWh/1000h

Physical Data

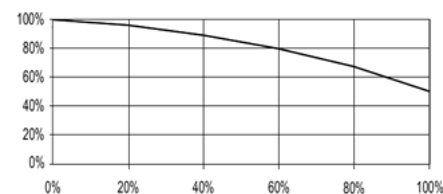
Base Designation	E27
Bulb Designation	E54
Bulb Diameter (mm)	54
Max. Overall Length (mm)	141
Light Centre Length (mm)	89
Max. Base Temperature (°C)	210
Max. Bulb Temperature (°C)	400
Luminaire Type	Enclosed
Socket Pulse Rating (KV)	4.5
Mercury Content (mg)	9.0

Lamp Electrical Data

Nominal Lamp Wattage (W)	70
Lamp Operating Voltage (V)	85
Lamp Operating Current (A)	0.9
Min. Open Circuit Voltage (RMS)	198
Min. Starting Pulse (Peak V)	1800-4500
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: 07-06-2012

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%.

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.