

Description: HIPE 100W/C/U/LU/UVS/737

## Performance Data

Rated Light Output (Lumens @ 100 hours)	8100
Lamp Lumens per Watt (100hrs)	81
Rated Life (Hrs @ 10Hr./Start)	15000
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)	3-5
S/P (Multiplier)	1.7
Energy Rating (ErP)	A 110 kWh/1000h

## Physical Data

Base Designation	E27
Bulb Designation	EX54
Bulb Diameter (mm)	54
Max. Overall Length (mm)	141
Light Centre Length (mm)	89
Max. Base Temperature (°C)	210
Max. Bulb Temperature (°C)	400
Socket Pulse Rating (KV)	4.5
Mercury Content (mg)	8.5

## Lamp Electrical Data

Nominal Lamp Wattage (W)	100
Lamp Operating Voltage (V)	100
Lamp Operating Current (A)	1.1
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

