

Description: HIPE 100W/U/LU/UVS/740

Performance Data

Rated Light Output (Lumens @ 100 hours)	8500
Lamp Lumens per Watt (100hrs)	85
Rated Life (Hrs @ 10Hr./Start)	15000
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
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
Effective Arc Length (mm)	12.7
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

