

High Pressure Sodium Lamps

Description: HPSE.70W/IG/E27/HO

Performance Data

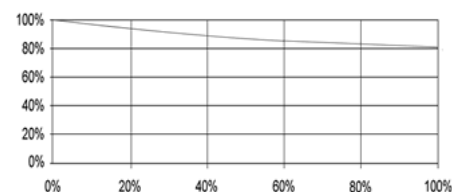
Rated Light Output (Lumens @ 100 hours)	6000
Lamp Lumens per Watt	86
Rated Life (Hrs @ 10Hr./Start)	32000
Correlated Colour Temperature (K)	2000
Chromaticity (CIE - X Y)	540,420
Colour Rendering Index (CRI) or (Ra)	25
Typical Warm Up Time (Minutes)	5
Typical Hot Restart Time (Minutes)	1
Burning Position	Universal
Energy Rating (ErP)	A 77 kWh/1000h

Physical Data

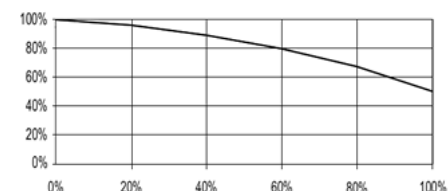
Base Designation	E27
Bulb Designation	E70
Bulb Diameter (mm)	72
Max. Overall Length (mm)	156
Max. Base Temperature (°C)	210
Max. Bulb Temperature (°C)	400
Luminaire Type	Open/Enclosed
Socket Pulse Rating (KV)	2.8
Mercury Content (mg)	3.75

Lamp Electrical Data

Nominal Lamp Wattage (W)	70
Lamp Operating Voltage (V)	90
Lamp Operating Current (A)	1.0
Min. Open Circuit Voltage (RMS)	198
Min. Pulse Width (Microseconds)	n/a @2700V



Lumen Maintenance (Light Output vs. Rated Life)



Lamp Mortality (Survivors vs. Rated Life)

Revision: 17-04-2014

See page 2 for product notes



Circuit Diagram

High Pressure Sodium Lamps

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.