

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

### Performance Data

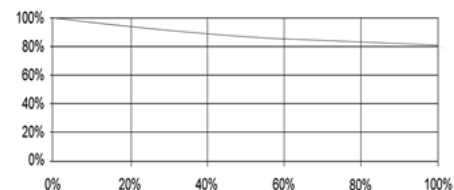
Rated Light Output (Lumens @ 100 hours)	6300
Lamp Lumens per Watt (100hrs)	90
Rated Life (Hrs @ 10Hr./Start)	28000+
Correlated Colour Temperature (K)	2000
Chromaticity (CIE - X Y)	540,420
Colour Rendering Index (CRI) or (Ra)	25
Typical Warm Up Time (Minutes)	5
Typical Hot Restart Time (Minutes)	1
Energy Rating (ErP)	A+ 77 kWh/1000h

### Physical Data

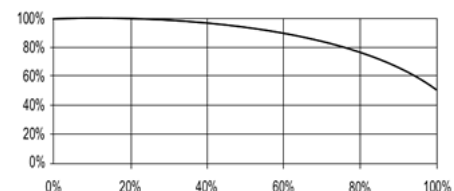
Base Designation	E27
Bulb Diameter (mm)	38
Max. Overall Length (mm)	156
Light Centre Length (mm)	97
Effective Arc Length (mm)	34.8
Max. Base Temperature (°C)	210
Max. Bulb Temperature (°C)	400
Socket Pulse Rating (KV)	2.8
Mercury Content (mg)	3.75

### 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)



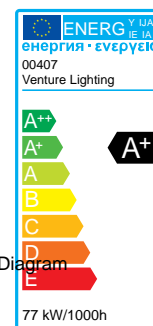
Lamp Mortality (Survivors vs. Rated Life)

Revision: 15-02-2017

\*\*See page 2 for product notes\*\*



Circuit Diagram





**Product Code: 00407**

**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.