

## Ceramic Lamps Ceramic Master-PLUS

Description: CM-PLUS ED 70W/U/UVS/942

### Performance Data

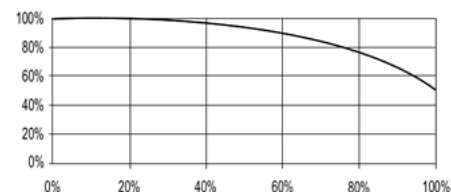
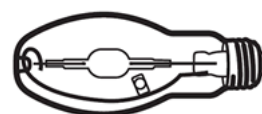
Rated Light Output (Lumens @ 100 hours)	6600
Lamp Lumens per Watt (100hrs)	94
Rated Life (Hrs @ 10Hr./Start)	18000
Correlated Colour Temperature (K)	4200
Chromaticity (CIE - X Y)	375,370
Colour Rendering Index (CRI) or (Ra)	90+
Typical Warm Up Time (Minutes)	3
Typical Hot Restart Time (Minutes)	5
Burning Position	Universal
S/P (Multiplier)	1.7
Energy Rating (ErP)	A+ 77 kWh/1000h

### Physical Data

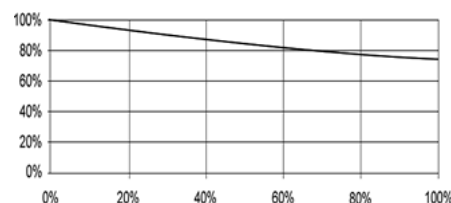
Base Designation	E27
Bulb Designation	E54
Bulb Diameter (mm)	54
Max. Overall Length (mm)	141
Light Centre Length (mm)	89
Max. Base Temperature (°C)	210
Max. Bulb Temperature (°C)	450
Luminaire Type	Enclosed
Socket Pulse Rating (KV)	4.5
Mercury Content (mg)	5.7

### Lamp Electrical Data

Nominal Lamp Wattage (W)	70
Lamp Operating Voltage (V)	90
Lamp Operating Current (A)	0.9
Min. Open Circuit Voltage (RMS)	198
Min. Starting Pulse (Peak V)	3500-5000
Min. Pulse Width (Microseconds)	1 @2700V
Min. Pulse Rate Per ½ cycle	1
Pulse Position (Electrical Degrees)	60-90, 240-270



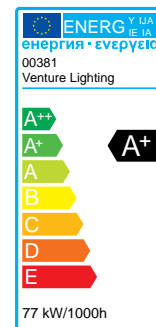
Lamp Mortality (Survivors vs. Rated Life)



Lumen Maintenance (Light Output vs. Rated Life)

Revision: 12-03-2018

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



## **Ceramic Lamps Ceramic Master-PLUS**

### **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.