

## Ceramic Lamps Ceramic Master-PLUS

Description: CM-PLUS TT 100W/U/UVS/942

### Performance Data

Rated Light Output (Lumens @ 100 hours)	9000
Lamp Lumens per Watt	90
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)	15
Burning Position	Universal
S/P (Multiplier)	1.7
Energy Rating (ErP)	A+ 110 kWh/1000h

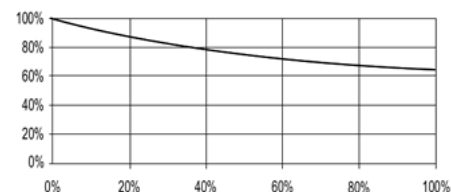


### Physical Data

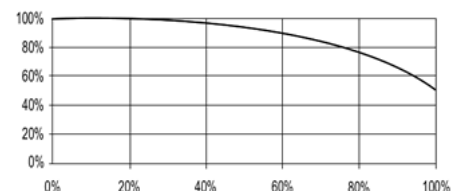
Base Designation	E40
Bulb Designation	T15
Bulb Diameter (mm)	46
Max. Overall Length (mm)	215
Light Centre Length (mm)	132
Max. Base Temperature (°C)	210
Max. Bulb Temperature (°C)	450
Luminaire Type	Enclosed
Socket Pulse Rating (KV)	4.5
Mercury Content (mg)	5.3

### 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)	3500-5000
Min. Pulse Width (Microseconds)	1 @ 2700V
Min. Pulse Rate Per ½ cycle	1
Pulse Position (Electrical Degrees)	60-90, 240-270



Lumen Maintenance (Light Output vs. Rated Life)



Lamp Mortality (Survivors vs. Rated Life)

Revision: 15-12-2011

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

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### 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.