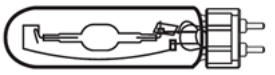
Product Code: 00362

Ceramic Lamps Ceramic Master-PLUS

Description: CM-PLUS T 35W/U/UVS/G12/830

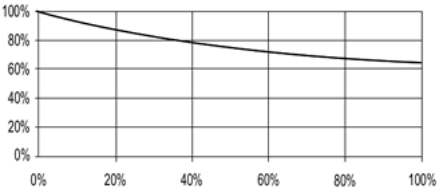
Performance Data

Rated Light Output (Lumens @ 100 hours)	3400
Lamp Lumens per Watt (100hrs)	97
Rated Life (Hrs @ 10Hr./Start)	15000
Correlated Colour Temperature (K)	3000
Chromaticity (CIE - X Y)	435,400
Colour Rendering Index (CRI) or (Ra)	80+
Typical Warm Up Time (Minutes)	1-2
Typical Hot Restart Time (Minutes)	<3
Burning Position	Universal
S/P (Multiplier)	1.4
Energy Rating (ErP)	A+ 39 kWh/1000h

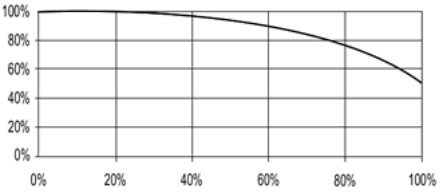


Physical Data

Base Designation	G12
Bulb Designation	T4.5
Bulb Diameter (mm)	14.5
Max. Overall Length (mm)	90
Light Centre Length (mm)	56
Max. Base Temperature (°C)	300
Max. Bulb Temperature (°C)	500
Luminaire Type	Enclosed
Socket Pulse Rating (KV)	6
Mercury Content (mg)	3.2



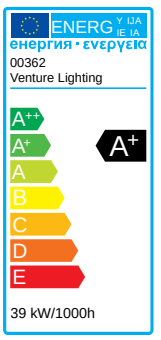
Lumen Maintenance (Light Output vs. Rated Life)



Lamp Mortality (Survivors vs. Rated Life)

Lamp Electrical Data

Nominal Lamp Wattage (W)	39
Lamp Operating Voltage (V)	90
Lamp Operating Current (A)	0.5
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



Revision: 03-10-2012

See page 2 for product notes

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Product Code: 00362

Ceramic Lamps Ceramic Master-PLUS

Notes:

Burning position is based on electronic control gear. For magnetic control gear lamps should be mounted vertically.

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.