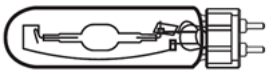
**Product Code:** 00363

# Ceramic Lamps Ceramic Master-PLUS

Description: CM-PLUS T 35W/U/UVS/G12/942

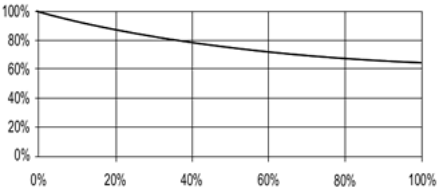
## Performance Data

| | |
|---|---|
| **Rated Light Output (Lumens @ 100 hours)** | 3300 |
| **Lamp Lumens per Watt (100hrs)** | 94 |
| **Rated Life (Hrs @ 10Hr./Start)** | 15000 |
| **Correlated Colour Temperature (K)** | 4200 |
| **Chromaticity (CIE - X Y)** | 375,370 |
| **Colour Rendering Index (CRI) or (Ra)** | 90+ |
| **Typical Warm Up Time (Minutes)** | 1-2 |
| **Typical Hot Restart Time (Minutes)** | <3 |
| **Burning Position** | Universal |
| **S/P (Multiplier)** | 1.7 |
| **Energy Rating (ErP)** | A+ 39 kWh/1000h |

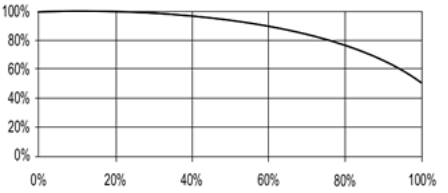


## Physical Data

| | |
|---|---|
| **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)** | 2.8 |



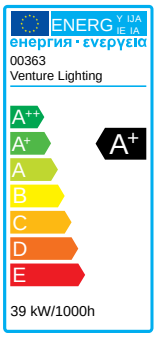

Lumen Maintenance (Light Output vs. Rated Life)




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: 05-10-2012

**See page 2 for product notes**

Venture Lighting Europe Ltd., Trinity Court, Batchworth Island, Church Street, Rickmansworth, WD3 1RT, United Kingdom
Tel: +44 (0) 845 230 2222, Fax: +44 (0) 845 230 2077, www.venturelightingeurope.com

**Product Code:** 00363

# 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.