

Lamp Current (A): 0.5A  
 Ignitor Voltage (Min.): 3.5KV  
 Luminaire Rating: Enclosed  
 Burning Position: Universal

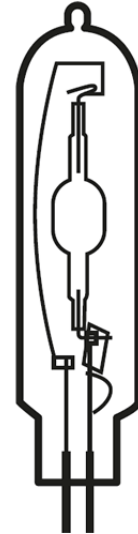
**CM-PLUS TC 35W/U/UVS/G8.5/830**

**Product Number: 00356**

**Lamp Type:** Ceramic Metal Halide

### Performance Data

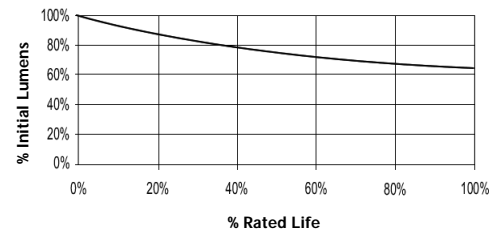
Light Output (Lumens @ 100 hours)	3400
Lamp Lumens Per Watt	97
Rated Life (Hrs. @ 10 Hr. /Start)	15000
Correlated Colour Temperature (K)	3000
Chromaticity (CIE - X Y)	435, 400
Colour Rendering Index (CRI) or (Ra)	80+
Typical Warm Up Time (Minutes)	1-2
Typical Hot Restart Time (Minutes)	<3
Burning Position	Universal



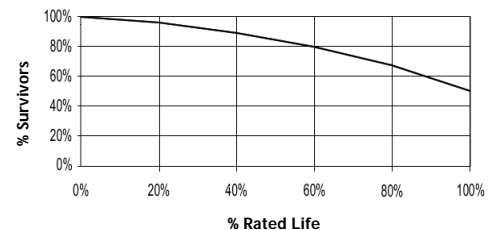
### Physical Data / Requirements

Base Designation	G8.5
Bulb Designation	T4.5
Bulb Diameter (mm)	14.5
Max. Overall Length (mm)	85
Light Centre Length (mm)	52
Effective Arc Length (mm)	-
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**



**Lamp Mortality**



### Lamp Electrical Data / Requirements

IEC Standard	-
Lamp Wattage (W)	39
Lamp Operating Voltage (V)	90
Lamp Operating Current (Amps)	0.5
Min. Open Circuit Voltage (RMS)	198
Min. Starting Pulse (Peak V)	3500-5000
Min. Pulse Width at 2700V (microseconds)	1
Min. Pulse Rate Per 1/2 cycle	1
Pulse Position (Electrical Degrees)	60-90, 240-270

**Revision:** 03.10.12

### Notes:

- 1) 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.
- 2) Burning position is based on electronic control gear. For magnetic control gear lamps should be mounted vertically.