

Product Specification

35 Watt

G8.5 Clear

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

CM-PLUS TC 35W/U/UVS/G8.5/942

Product Number: 00357

Lamp Type: Ceramic Metal Halide

Performance Data

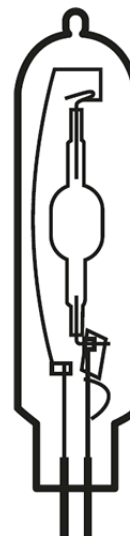
Light Output (Lumens @ 100 hours)	3300
Lamp Lumens Per Watt	94
Rated Life (Hrs. @ 10 Hr. /Start)	12000
Correlated Colour Temperature (K)	4200
Chromaticity (CIE - X Y)	375, 370
Colour Rendering Index (CRI) or (Ra)	90+
Typical Warm Up Time (Minutes)	1-2
Typical Hot Restart Time (Minutes)	<3
Burning Position	Universal

Physical Data / Requirements

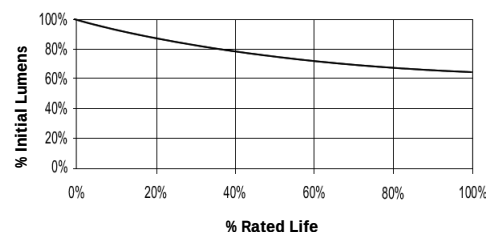
Base Designation	G8.5
Bulb Designation	T4.5
Bulb Diameter (mm)	14.5
Max. Overall Length (mm)	85
Light Centre Length (mm)	52
Effective Arc Length (mm)	-
Max. Base Temperature (°C)	300
Max. Bulb Temperature (°C)	500
Luminaire Type	Enclosed
Socket Pulse Rating (KV)	6
Mercury Content (mg)	2.8

Lamp Electrical Data / Requirements

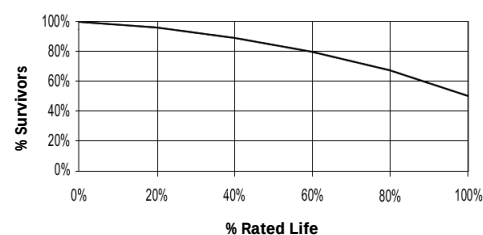
IEC Standard	-
Lamp Wattage (W)	39
Lamp Operating Voltage (V)	90
Lamp Operating Current (Amps)	0.5
Min. Open Circuit Voltage (RMS)	198
Min. Starting Pulse (Peak V)	3500-5000
Min. Pulse Width at 2700V (microseconds)	1
Min. Pulse Rate Per ½ cycle	1
Pulse Position (Electrical Degrees)	60-90, 240-270



Lumen Maintenance



Lamp Mortality



Revision: 07.09.2012

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.