

Lamp Current (A): 0.5A

Ignitor Voltage: 3.5-5KV

Luminaire Rating: Enclosed

Burning Position: Universal

### CM-PLUS T 35W/U/UVS/G12/830

Product Number: 00362

**Lamp Type:** Ceramic Metal Halide

**Control Gear:** Electronic Ballast

#### Performance Data

Light Output (Lumens @ 100 hours)	3400
Lamp Lumens Per Watt	97
Rated Life (Hrs. @ 10 Hr. /Start)	12000
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	G12
Bulb Designation	T4.5
Bulb Diameter (mm)	14.5
Max. Overall Length (mm)	90
Light Centre Length (mm)	56
Effective Arc Length (mm)	-
Max. Base Temperature (°C)	300
Max. Bulb Temperature (°C)	500
Luminaire Type	Enclosed
Socket Pulse Rating (KV)	6

#### 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. - Max. 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

**Revision:** 10/05/2010

#### Notes:

The specification contains data about typical performance on 50Hz sine wave ballast at nominal power. Actual values may depend on ballast and applications. Complies with (CE), Low Voltage (CE), WEEE and RoHS Directives.