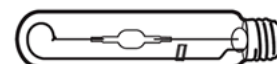


Ceramic Lamps CM City

Description: CM-CITY TT 90W/H15/UVS/E27/630

Performance Data

Rated Light Output (Lumens @ 100 hours)	9450
Lamp Lumens per Watt	105
Rated Life (Hrs @ 10Hr./Start)	20000
Correlated Colour Temperature (K)	3000
Chromaticity (CIE - X Y)	TBA,TBA
Colour Rendering Index (CRI) or (Ra)	60
Typical Warm Up Time (Minutes)	3
Typical Hot Restart Time (Minutes)	10
Burning Position	Horizontal $\pm 15^\circ$
Energy Rating (ErP)	A+ 99 kWh/1000h

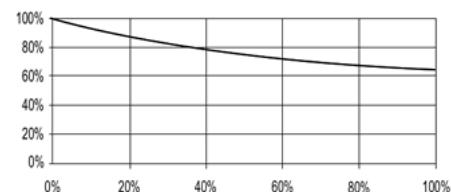


Physical Data

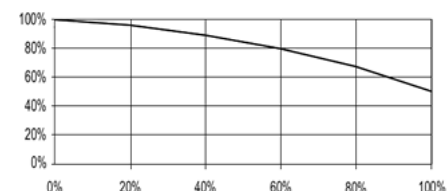
Base Designation	E27
Bulb Designation	T38
Bulb Diameter (mm)	38
Max. Overall Length (mm)	180
Light Centre Length (mm)	110
Effective Arc Length (mm)	24
Max. Base Temperature ($^\circ\text{C}$)	210
Max. Bulb Temperature ($^\circ\text{C}$)	400
Luminaire Type	Enclosed
Socket Pulse Rating (KV)	4.5
Mercury Content (mg)	3

Lamp Electrical Data

Nominal Lamp Wattage (W)	90
Lamp Operating Voltage (V)	90
Lamp Operating Current (A)	1.0
Min. Open Circuit Voltage (RMS)	220
Min. Starting Pulse (Peak V)	3000-5000
Min. Pulse Width (Microseconds)	0.5 @2700V
Min. Pulse Rate Per $\frac{1}{2}$ cycle	1
Pulse Position (Electrical Degrees)	60-90, 240-270



Lumen Maintenance (Light Output vs. Rated Life)



Lamp Mortality (Survivors vs. Rated Life)

Revision: 01-06-2012

See page 2 for product notes



Product Code: 00408

Ceramic Lamps CM City

Notes:

Recommend lamp be operated with Venture's Ventronic VYB090255, VYB090PN0, VYB090PN1 or VP90SSB255 ballasts

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.