Product Specification

150 Watt High Lumens

E40 Clear

Lamp Current (A):	1.8A
Ignitor Voltage (Min.):	4.5KV
Luminaire Rating:	Enclosed
Burning Position:	Universal

Lamp Type: Tubular High Pressure Sodium Lamp High Lumens Output

Performance Data

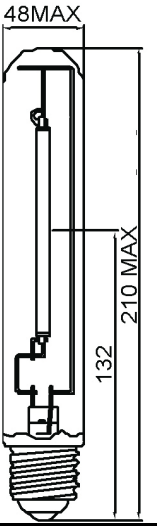
Light Output (Lumens @ 100 hours)	17700lm
Lamp Lumens Per Watt	120
Rated Life (Hrs. @ 10 Hr. /Start)	32000
Correlated Colour Temperature (K)	2200
Chromaticity (CIE - X Y)	385, 390
Colour Rendering Index (CRI) or (Ra)	40
Typical Warm Up Time (Minutes)	1-2
Typical Hot Restart Time (Minutes)	2-4
Burning Position	Universal

Physical Data / Requirements

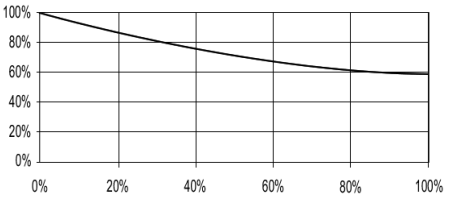
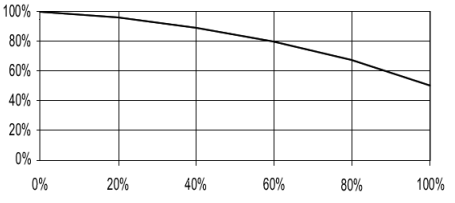
Base Designation	E40
Bulb Designation	T48
Bulb Diameter (mm)	48
Max. Overall Length (mm)	210
Light Centre Length (mm)	132
Max. Base Temperature (°C)	210
Max. Bulb Temperature (°C)	450
Luminaire Type	Enclosed
Socket Pulse Rating (KV)	4.5
Mercury Content (mg)	

Lamp Electrical Data / Requirements

IEC Standard	-
Lamp Wattage (W)	150
Lamp Operating Voltage (V)	100
Lamp Operating Current (Amps)	1.8
Min. Open Circuit Voltage (RMS)	198
Min. Starting Pulse (Peak V)	2500-4500
Min. Pulse Width at 2200V (microseconds)	1
Min. Pulse Rate Per ½ cycle	1
Pulse Position (Electrical Degrees)	60-90, 240-270



Lumen Maintenance



Lamp Mortality