

Description: HIE 400W/C/U/EURO/4K

Performance Data

Rated Light Output (Lumens @ 100 hours)	34000
Lamp Lumens per Watt (100hrs)	85
Rated Life (Hrs @ 10Hr./Start)	15000
Correlated Colour Temperature (K)	3700
Chromaticity (CIE - X Y)	395,390
Colour Rendering Index (CRI) or (Ra)	70
Typical Warm Up Time (Minutes)	3-5
Typical Hot Restart Time (Minutes)	8-12
S/P (Multiplier)	1.7
Energy Rating (ErP)	A 440 kWh/1000h

Physical Data

Base Designation	E40
Bulb Designation	E120
Bulb Diameter (mm)	120
Max. Overall Length (mm)	296
Light Centre Length (mm)	182
Max. Base Temperature (°C)	250
Max. Bulb Temperature (°C)	400
Mercury Content (mg)	55.0

Lamp Electrical Data

Nominal Lamp Wattage (W)	400
Lamp Operating Voltage (V)	135
Lamp Operating Current (A)	3.2
Min. Open Circuit Voltage (RMS)	198
Min. Starting Pulse (Peak V)	600
Min. Pulse Width (Microseconds)	260 @540V
Min. Pulse Rate Per ½ cycle	1
Pulse Position (Electrical Degrees)	60-90,

