KANDOlite®

Product Technical Datasheet

Double Ended Pulse Start MH 250W Lamp

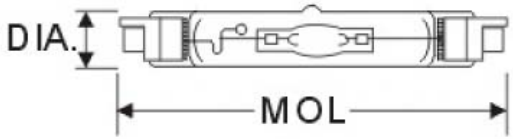
592649

Clear – 4K

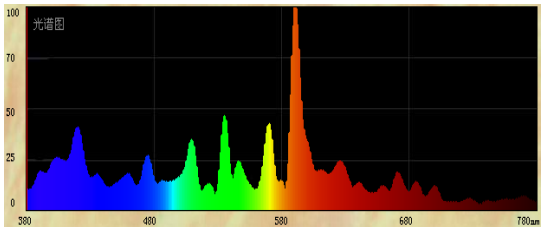
Enclosed Fixture



HOR±45°



Spectral Power Distribution



Ordering Information

Product Code	592649
Description	TMHD250/T25/Fc2/4K/UVS
Lamp Type	Double Ended
UPC	175060235311

Performance Characteristics

Rated Initial Lumens @ 100hr (lm)	21,000
Initial Lumens Per Watt (lm/W)	82
Correlated Color Temperature (K)	4000
Color Rendering Index	80
Rated Average Life (hrs)	10,000
Typical Warm up time (min)	5
Typical Hot Restart time (min)	10
Operating Position	HOR±45°

Electrical Data/Requirements

Nominal Lamp Wattage (W)	250
Nominal Lamp Operating Voltage (V)	100
Nominal Lamp Current (Amps)	3.0
Min. -Max. starting current (Amps)	3.0 - 5.2
Ballast Requirements	Rated for ANSI M80/E or IEC HPS 250W lamp
Ignitor Requirements	
Min. -Max. Pulse Height (kV)	3.0-5.0

Physical Characteristics

Base Designation	Fc2
Bulb Designation	T25 (T8)
Bulb Diameter (mm)	25.4
Max. Overall Length (MOL) (mm)	163
Light Center Length (LCL) (mm)	/
Max. base - bulb eccentricity (deg)	3
Max. Base Temperature (℃)	250
Max. Bulb Temperature (℃)	680
Min. Operating Temperature (℃)	-30

Reference Ballast Characteristics

Rated Input Voltage (V)	220 50Hz / 60Hz
Reference Current (A)	3.0
Impedance (Ω)	60 / 59
Power Factor	0.06±0.005 / 0.075±0.005

***Warning**: This lamp can cause skin burn and eye inflammation from shortwave ultraviolet radiation if outer envelope of the lamp is broken or punctured. DO NOT OPERATE LAMP if the outer bulb is cracked or broken. If this occurs, switch the supply off immediately and when the lamp has cooled sufficiently, using suitable protective clothing to remove the lamp from the fixture.*