

Product Code: MVST/0001-MVST/0002

Description: MV50W/ED54/C/DX/240V/E27-MV80W/ED70/C/DX/240V/E27

Product Name: Mercury Vapor Lamps

Technical Performance Data Sheet

MVST/0001: MV50W/ED54/C/DX/240V/E27

Light Output (Lumens/100Hrs)	1800/3800
Lamp Lumens Per Watt	36/47
Mean Output (Lumens)	1550/3350
Rated Life (Hours)	8000
Color Temperature (k)	4200K
Chromaticity (CIE-x/y)	0.340,0.340
Color Rendering Index (CRI)	40
To 90% Warm Up Time (Minute)	3 to 5 Minutes
Hot Restart Time (Minute)	5 to 10 Minutes
Burning Position	UNIVERSAL



Physical Data/ Requirements

Base Designation	E27
Bulb Designation	ED54/ED70
Bulb Diameter mm	54mm/71mm
Max Overall Length (MOL) mm	140mm/156mm
Light Center Length (LCL) mm	NA
Effective Arc Length	NA
Max Base Temperature	200°C
Max Bulb Temperature	400°C
Luminaire type	ENCLOSED
Socket Pulse Rating (V)	3500V-4500V

MVST/0002: MV80W/ED70/C/DX/240V/E27



Electrical Data/ Requirement

Lamp Wattage (W)	50W/80W
Operating Voltage (V)	95V/110V
Operating Current (Amps)	0.62A/0.85A
Pulse Position (Min.% OCV Peak)	60° ~ 90°
Revision :	17/09/2012

This lamp can cause skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured.
 Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used, *This is for reference, not the absolute standard.