

TECHNICAL PERFORMANCE DATA SHEET

Product Code: ST-MH600

Description: MH600W/TT76/E40/4200K

Product Name: Metal halide lamp

SUNNYTEK™

Performance Data

Light Output (Lumens/100Hrs)	60000
Lamp Lumens Per Watt	100
Mean Output (Lumens)	51000
Rated Life (Hrs. 10 Hr. 1Start)	10000
Color Temperature (k)	4200K
Chromaticity (CIE-x/y)	0.385,0.390
Color Rendering Index (CRI)	60
To 60%-90% Warm Up Time (Minute)	4
Hot Restart Time (Minute)	3 to 5
Burning Position	Universal

Physical Data/ Requirements

Base Designation	E40
Bulb Designation	TT76
Bulb Diameter mm	φ76
Max Overall Length (MOL) mm	292
Light Centre Length (LCL) mm	178±5
Effective Arc Length	60
Max Base Temperature(°C)	210°C
Max Bulb Temperature(°C)	480°C
Luminaire type	ENCLOSED
Socket Pulse Rating (KV)	-----
Socket Style	

Electrical Data/ Requirement

Lamp Wattage (W)	600W
Operating Voltage (V)	110V
Operating Current (Amps)	6.2A
Min. Open Circuit Voltage (RMS)	210V
Min Max Starting Pulse (Peak v)	-----
Min Pulse Width (u sec)	-----
Min Pulse Rate Per 1/2 Cycle	-----
Pulse Position(Min.% OCV Peak)	-----

Revision:

Warning: 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, lamps that will automatically extinguish when outer envelope is broken or punctures are commercially available.

