

TECHNICAL PERFORMANCE DATA SHEET

Product Code: ST-MH400

Description: MH400W/ED120/E40

Product Name: Metal halide lamp

SUNNYTEK™

Performance Data

| | |
|----------------------------------|-------------|
| Light Output (Lumens/100Hrs) | 35000 |
| Lamp Lumens Per Watt | 88 |
| Mean Output (Lumens) | 29750 |
| Rated Life (Hrs. 10 Hr. 1Start) | 8000 |
| Color Temperature (k) | 4200K |
| Chromaticity (CIE-x/y) | 0.380,0.377 |
| 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 | ED120 |
| Bulb Diameter mm | Φ120 |
| Max Overall Length (MOL) mm | 292 |
| Light Centre Length (LCL) mm | 178±5 |
| Effective Arc Length | 39 |
| Max Base Temperature(°C) | 210°C |
| Max Bulb Temperature(°C) | 450°C(842°F) |
| Luminaire type | ENCLOSED |
| Socket Pulse Rating (KV) | ----- |
| Socket Style | |

Electrical Data/ Requirement

| | |
|---------------------------------|-------|
| Lamp Wattage (W) | 400W |
| Operating Voltage (V) | 130V |
| Operating Current (Amps) | 3.25A |
| Min. Open Circuit Voltage (RMS) | 340V |
| 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.