



Product Specification Bulletin

400 Watt

EURO METAL HALIDE

Clear - 4K
E40 - Enclosed Luminaire
Tubular T46 Outer Jacket



UNIVERSAL

HIT 400W/U/EURO/4K **Product Number** 25830

Lamp Type SINGLE ENDED METAL HALIDE

Control Gear Mercury Ballast + 750V Ignitor or CWA Gear

Performance Data	
<i>Light Output (Lumens @ 100 Hrs.)</i>	36000 V / 32400 H
<i>Lamp Lumens Per Watt</i>	90
<i>Rated Life (Hrs. @ 10 Hr. / Start)</i>	15000 V / 11250 H
<i>Correlated Colour Temperature K</i>	4000
<i>Chromaticity (CIE -X, Y)</i>	.385 .390
<i>Colour Rendering Index (CRI) or (Ra)</i>	65
<i>Typical Warm Up Time (Minutes)</i>	3-5
<i>Typical Hot Restart Time (Minutes)</i>	10-15
<i>Burning Position</i>	UNIVERSAL

Physical Data / Requirements	
<i>Base Designation</i>	MOGUL (E40)
<i>Bulb Designation</i>	T46
<i>Bulb Diameter</i>	46 mm
<i>Max. Overall Length</i>	285 mm
<i>Light Centre Length</i>	175 mm
<i>Effective Arc Length</i>	35.4 mm
<i>Max. Base Temperature (°C)</i>	250
<i>Max. Bulb Temperature (°C)</i>	500
<i>Luminaire Type</i>	ENCLOSED
<i>Socket Pulse Rating (KV)</i>	4

Electrical Data / Requirements	
<i>IEC Standard</i>	-
<i>Lamp Wattage</i>	400
<i>Operating Voltage</i>	135
<i>Operating Current (Amps)</i>	3.2
<i>Min. Open Circuit Voltage (RMS)</i>	198
<i>Min. Starting Pulse (Peak V)</i>	600
<i>Min. Pulse Width at 540 (microseconds)</i>	260
<i>Min. Pulse Rate Per Cycle</i>	1
<i>Pulse Position (Electrical Degrees)</i>	60-90

Revision: 17-Nov-04 1561 - 9

- Notes:**
- ▶Euro lamps operate on the 750V and the 3000-4000V ignitor system.
 - ▶Nominal color temperature rating is based on vertical (±15°) operation of the lamp. Off vertical positions will result in higher color temperature.
 - ▶Euro lamps also operate on CWA control gear (no ignitor required).

Lamps

