

### PRODUCT SPECIFICATION

LAMP TYPE: SINGLE ENDED METAL HALIDE

ANSI DESIGNATION: M47/E (CWA) OR REACTOR/IGNITOR

PRODUCT CODE: 80308

### PERFORMANCE DATA

INITIAL LUMENS: 105,000

PAR WATTS: 315

RATED LIFE (HOURS @ 10 HR. /START): 12,000V / 9,000H

CORRELATED COLOUR TEMPERATURE: 3200K

CHROMATICITY: .420 .395 (CIE - X,Y)

COLOUR RENDERING INDEX: 65 CRI

TYPICAL WARM UP TIME: 3 - 5 MINUTES

TYPICAL HOT RESTART TIME: 8 - 12 MINUTES

BURNING POSITION: UNIVERSAL

### PHYSICAL DATA / REQUIREMENTS

BASE DESIGNATION: MOGUL (E39)

BULB DESIGNATION: BT37

BULB DIAMETER: 4 5/8"

MAX. OVERALL LENGTH: 11 1/2"

LIGHT CENTRE LENGTH: 7"

EFFECTIVE ARC LENGTH: 81MM

MAX. BASE TEMPERATURE (°C): 250

MAX. BULB TEMPERATURE (°C): 450

LUMINAIRE TYPE: ENCLOSED

SOCKET PULSE RATING (KV): 4

SOCKET STYLE: MOGUL

### ELECTRICAL DATA / REQUIREMENTS

LAMP WATTAGE (W): 1000

OPERATING VOLTAGE (NOMINAL) (V): 280

OPERATING CURRENT (AMPS): 3.8

MIN. OPEN CIRCUIT VOLTAGE (RMS) 342

MIN. -MAX. STARTING PULSE (PEAK V): -

MIN. PULSE WIDTH AT 900 VOLTS (µ SEC): -

MIN. PULSE RATE PER 1/2 CYCLE: -

PULSE POSITION (MIN % OCV PEAK): -

All electrical requirements apply when a 50 hz. reactor/ignitor system is used.

*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 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 punctured are commercially available.*

