



**METAL HALIDE LAMP**

**ELECTRONIC BALLAST**

**DATA SHEET**

**FOR (1) 400W M59  
Metal Halide or  
H33 Mercury Lamp**

Catalog Number	Line Voltage 50/60 Hertz	Line Current Amperes			Input Watts	Starting Voltage (KV Pulse)	Drop Out Voltage (rms)	Recommended Fuse (Amps)	Max. Mounting Distance
		Operating	Open	Starting					
DY 400MH 120	120	3.56	0.30	0.65	414	1.2	50	8.0	15 feet
DY 400MH 220	220	1.99	0.19	0.65	414	1.2	100	5.0	33 feet
DY 400MH 277	277	1.57	0.16	0.65	414	1.2	120	4.0	33 feet

**POWER FACTOR** ..... High (Min. 93%)

**CIRCUIT TYPE**..... Electronic High Frequency  
Constant Wattage

**REGULATION**..... Line Volts  $\pm$  10%  
Lamp Watts  $\pm$  0%

**OPERATING FREQUENCY**..... >60 KHz

**PROTECTION SCHEMES**... Auto Reset Thermal Protector  
High Voltage, High Current Protection  
Improper Wiring/Short Circuit Protection  
Starting Pulse Train Shut Down after 6 Minutes\*  
Auto Starting Pulse Train Reset after Momentary Voltage Dip

\*Power mains must be cycled off for 30 seconds and then on to reset ballast after failed lamp is replaced

**Lamp Current Crest Factor**.....<1.75

**Min. Starting Temp**..... -30°C/-20°F

**Max. Case Temp at Hot Spot Location**..... 85°C

**Ballast Factor**..... 0.96

**Lead Lengths**..... 12 inches

**Weight**.....3.0 lbs

