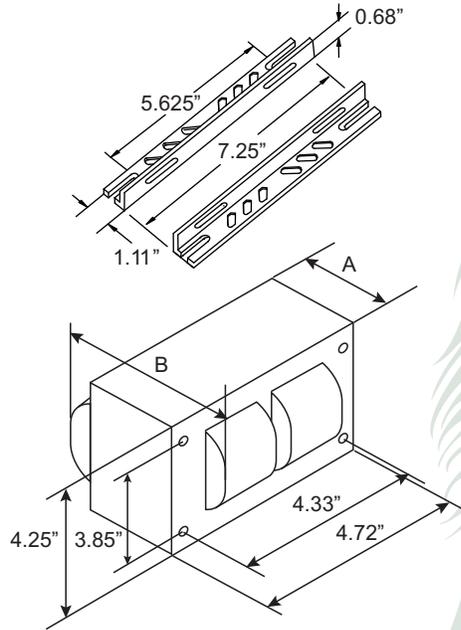


Specification Sheet : HH-MH-MLT4-400

400W M59 60 Hz CWA
Core & Coil Ballast Status: Active

Mechanical Data:

4.25" x 4.75" CORE-2 COIL UNIT



DIMENSION A	2.13 IN
DIMENSION B	3.94 IN
TOTAL WEIGHT	11.68 LBS
LEAD LENGTHS	12 IN

HARDWARE KIT: HH-MH-HDW3 CLAMP: HH-MH-IGCLMP
2 3" Thru-Bolts 4 Flat Washers
2 Lock Washers 2 Nuts

Electrical Data:

INPUT VOLTS
MINIMUM STARTING TEMPERATURE
POWER FACTOR
ANSI CODE
CIRCUIT TYPE
WATTS INPUT
MAX INPUT CURRENT
NOM. OPEN CIRCUIT VOLTAGE
RECOMMENDED FUSE (Amps)
REGULATION
 LINE VOLTS
 LAMPS WATTS
INPUT WATTS AT LAMP DROPOUT
LINE CURRENT (AMPS)
 OPERATING
 OPEN CIRCUIT
 STARTING
UL TEMPERATURE RATINGS
 INSULATION CLASS
 COIL TEMPERATURE CODE
CAPACITOR REQUIREMENT
 MFD
 MIN VOLT
IGNITOR
 PART NUMBER
 MAX DIST TO LAMP
60Hz TEST PROCEDURES
HIGH POTENTIAL TEST (VOLTS)
OPEN CIRCUIT VOLTAGE TEST (VOLTS)
SHORT CIRCUIT CURRENT TEST (AMPS)
SECONDARY CURRENT
 INPUT CURRENT

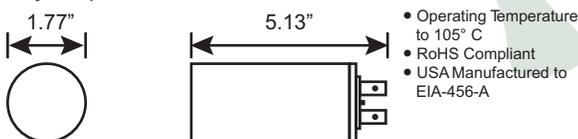
	120	208	240	277
MINIMUM STARTING TEMPERATURE	-20°F or -30°C			
POWER FACTOR	90%			
ANSI CODE	400W, M-59			
CIRCUIT TYPE	CWA			
WATTS INPUT	435			
MAX INPUT CURRENT	4.00	2.30	2.00	1.70
NOM. OPEN CIRCUIT VOLTAGE	300			
RECOMMENDED FUSE (Amps)	10	6	5	5
REGULATION	±10%			
LINE VOLTS	±10%			
LAMPS WATTS	50	85	98	116
INPUT WATTS AT LAMP DROPOUT	4.00	2.30	2.00	1.70
LINE CURRENT (AMPS)	3.15	1.95	1.80	1.48
OPERATING	2.79	1.66	1.45	1.24
OPEN CIRCUIT	A	B	B	A
STARTING	H(180)			
UL TEMPERATURE RATINGS	1029			
INSULATION CLASS	24uF			
COIL TEMPERATURE CODE	400			
CAPACITOR REQUIREMENT	Integral Ignitor			
MFD				
MIN VOLT				
IGNITOR				
PART NUMBER				
MAX DIST TO LAMP				
60Hz TEST PROCEDURES				
HIGH POTENTIAL TEST (VOLTS)	1 MIN: 2000, 2 SEC: 2500			
OPEN CIRCUIT VOLTAGE TEST (VOLTS)	270-320			
SHORT CIRCUIT CURRENT TEST (AMPS)	3.50-4.30			
SECONDARY CURRENT				
INPUT CURRENT	2.50	1.43	1.10	1.08

Capacitor:

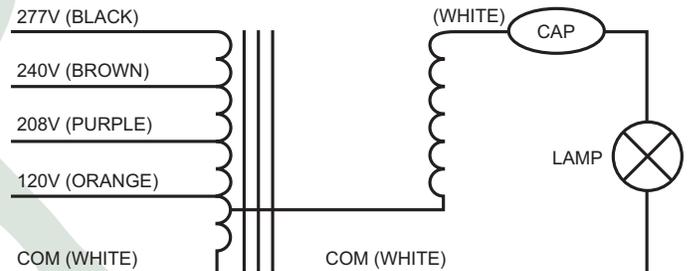
Wet Capacitor: HHMH-WCAP-400



Dry Capacitor: HHMH-DCAP-400



Wiring Diagram:



Options:

Basic Ballast Kit includes Ballast, Ignitor and Mounting Hardware only. For capacitor option, add Base Model No. and one Capacitor code:
D = Dry Kit: Ballast + Ignitor + Dry Capacitor + Mounting Hardware
W = Wet Kit: Ballast + Ignitor + Wet Capacitor + Mounting Hardware

HID Ballast and Lamp Kits also available; please see website www.fulham.com.