

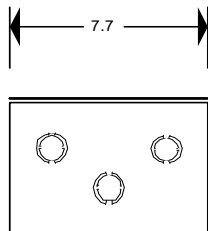
**PHILIPS
ADVANCE**

**Metal
Halide
Lamp Ballast**

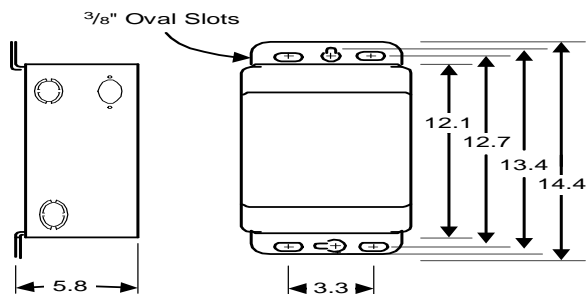
**Catalog Number 78E9379
For 2x1000W M47
60 Hz LEAD-LAG
Status: Active**

DIMENSIONS AND DATA

**78E
INDOOR
ENCLOSED
DIMENSIONS**



Top view
3 double
7/8" and 1 1/8"
knockouts



Capacitor:

The capacitor is included as part of the potted assembly.

Ignitor:

NA

This ballast does not require the use of an ignitor.

INPUT VOLTS	480				
CIRCUIT TYPE	LEAD-LAG				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±5%				
Lamp Watts	±10%				
LINE CURRENT (Amps)					
Operating.....	4.60				
Open Circuit.....	0.00				
Starting.....	4.00				
UL TEMPERATURE RATINGS					
Insulation Class	H(180°C)				
Coil Temperature Code	1029				
MIN. AMBIENT STARTING TEMP.	-20°F or -30°C				
NOM. OPEN CIRCUIT VOLTAGE	480				
INPUT VOLTAGE AT LAMP DROPOUT.....	240				
INPUT WATTS	2100				
RECOMMENDED FUSE (Amps).....	10				
CORE and COIL					
Dimension (A)					
Dimension (B)					
Weight (lbs.)	42				
Lead Lengths	12"				
CAPACITOR REQUIREMENT					
Microfarads					
Volts (min.)					
Fault Current Withstand (amps)					
60 Hz TEST PROCEDURES (Refer to Advance Test Procedure for HID Ballasts - Form 1270)					
High Potential Test (Volts)					
1 minute	2000				
2 seconds	2500				
Open Circuit Voltage Test (Volts)	432-528				
Short-Circuit Current Test (Amps)					
Secondary Current	3.60-4.40				
Input Current.....	3.60-4.40	-	-	-	-



Wiring Diagram:

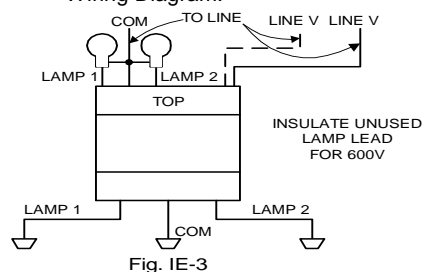


Fig. 1E-3

Ordering Information

Order Suffix

Description

Data is based upon tests performed by Philips Lighting Electronic N.A. in a controlled environment and representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

Philips Lighting Electronic N.A.

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