

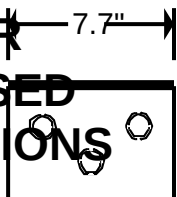
**PHILIPS
ADVANCE**

**Metal
Halide
Lamp Ballast**

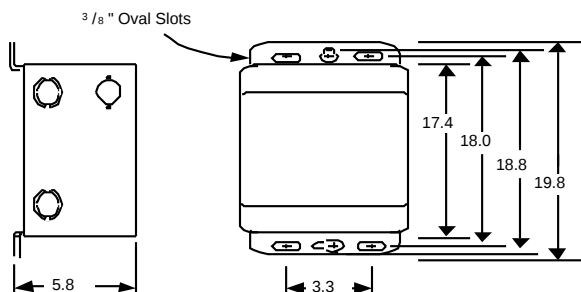
Catalog Number 78E6381
For 2-400W M59
60 Hz CWA-ILO
Status: Active

DIMENSIONS AND DATA

**78E
INDOOR
ENCLOSED
DIMENSIONS**



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



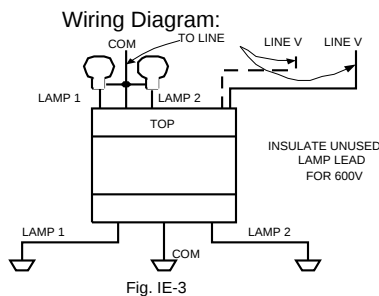
Capacitor:

The capacitor is included as part of the potted assembly.

Ignitor: NA

This ballast does not require the use of an ignitor.

INPUT VOLTS	120	277			
CIRCUIT TYPE	CWA-ILO				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±10%				
Lamp Watts	±10%				
LINE CURRENT (Amps)					
Operating.....	8.40	3.60			
Open Circuit.....	3.40	1.50			
Starting.....	7.70	3.30			
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	330				
INPUT VOLTAGE AT LAMP DROPOUT.....	60	140			
INPUT WATTS	890				
RECOMMENDED FUSE (Amps).....	20	10			
CORE and COIL					
Dimension (A)					
Dimension (B)	58				
Weight (lbs.)	12"				
Lead Lengths					
CAPACITOR REQUIREMENT					
Microfarads					
Volts (min.)					
Fault Current Withstand (amps)					
60 Hz TEST PROCEDURES (Refer to Philips Lighting Electronics N.A. TEST Procedure for HID Ballasts - Form High Potential Test (Volts)					
	2000				
1 minute	2500				
2 seconds	300-360				
Open Circuit Voltage Test (Volts)					
Short-Circuit Current Test (Amps)	3.90-4.80				
Secondary Current					
Input Current.....	6.00	2.60	-	-	-
	9.00	4.00			



Typical Ordering Information

(please call Philips Lighting Electronics N.A. for suffix availability)

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

PHILIPS LIGHTING ELECTRONICS N.A.

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