

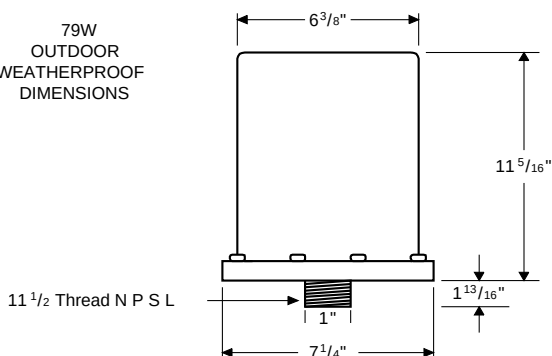
**PHILIPS
ADVANCE**

**Metal
Halide
Lamp Ballast**

**Catalog Number 79W6542
For 1000W M47
60 Hz CWA
Status: Active**

DIMENSIONS AND DATA

79W
OUTDOOR
WEATHERPROOF
DIMENSIONS



INPUT VOLTS	480				
CIRCUIT TYPE	CWA				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±10%				
Lamp Watts	±10%				
LINE CURRENT (Amps)					
Operating.....	2.25				
Open Circuit.....	1.20				
Starting.....	1.90				
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	430				
INPUT VOLTAGE AT LAMP DROPOUT.....	336				
INPUT WATTS	1080				
RECOMMENDED FUSE (Amps).....	6				
CORE and COIL					
Dimension (A)					
Dimension (B)					
Weight (lbs.)	33				
Lead Lengths	10"				
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 127					
High Potential Test (Volts)					
1 minute	2000				
2 seconds	2500				
Open Circuit Voltage Test (Volts)	385-475				
Short-Circuit Current Test (Amps)					
Secondary Current	5.20-6.40				
Input Current.....	1.40-2.10	-	-	-	-

Capacitor:

The capacitor is included as part of the potted assembly.

**RoHS
COMPLIANT**



Wiring Diagram:

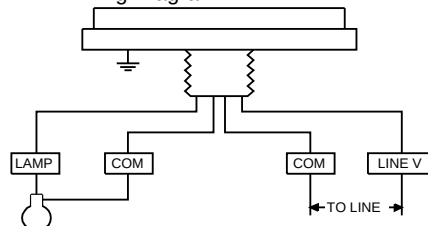


Fig. OW-1

Typical Ordering Information

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

Order Suffix

Description

Ignitor: NA

This ballast does not
require the use of an ignitor.

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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