

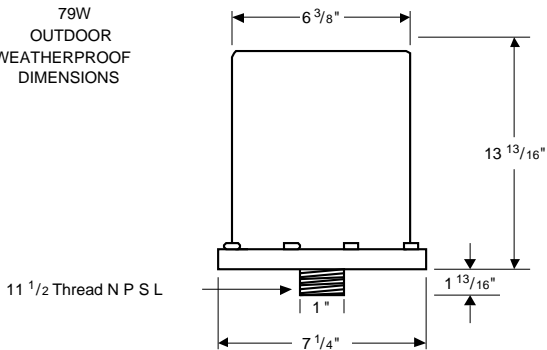
**PHILIPS  
ADVANCE**

**Metal  
Halide  
Lamp Ballast**

**Catalog Number 79W6586  
For 1000W CSI  
60 Hz CWA  
Status: Active**

**DIMENSIONS AND DATA**

79W  
OUTDOOR  
WEATHERPROOF  
DIMENSIONS



INPUT VOLTS	120	277			
CIRCUIT TYPE	CWA				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±10%				
Lamp Watts	±10%				
LINE CURRENT (Amps)					
Operating.....	9.80	4.20			
Open Circuit.....	9.40	4.00			
Starting.....	8.50	3.60			
UL TEMPERATURE RATINGS					
Insulation Class	H(180°C)				
Coil Temperature Code	1029				
MIN. AMBIENT STARTING TEMP.	-40°F or -40°C				
NOM. OPEN CIRCUIT VOLTAGE	200				
INPUT VOLTAGE AT LAMP DROPOUT.....	50	100			
INPUT WATTS	1140				
RECOMMENDED FUSE (Amps).....	25	15			
CORE and COIL					
Dimension (A)					
Dimension (B)					
Weight (lbs.)	30				
Lead Lengths	10"				
CAPACITOR REQUIREMENT					
Microfarads	165.0				
Volts (min.)	280				
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)					
1 minute	2000				
2 seconds	2500				
Open Circuit Voltage Test (Volts)	180-220				
Short-Circuit Current Test (Amps)					
Secondary Current	15.00-23.00				
Input Current.....	6.10	2.60	-	-	-
	9.10	4.00			

Capacitor:

The capacitor is included as part of the potted assembly.

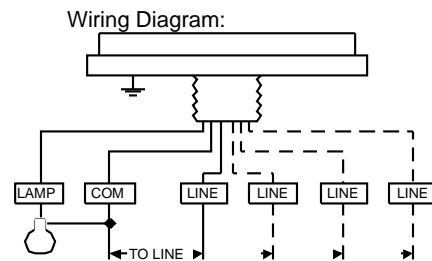


Fig. OW-2

Ignitor: CSI

**Customer  
Supplied  
Ignitor**

**Typical Ordering Information**

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

Order Suffix	Description

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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