

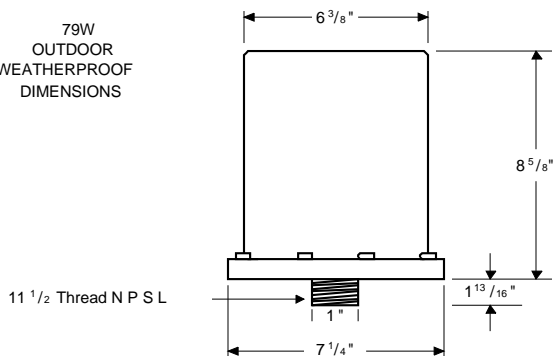
**PHILIPS
ADVANCE**

**High Pressure
Sodium
Lamp Ballast**

Catalog Number 79W8192
For 150W S55
60 Hz HX-HPF
Status: Active

DIMENSIONS AND DATA

79W
OUTDOOR
WEATHERPROOF
DIMENSIONS



INPUT VOLTS	120	208	240	277	
CIRCUIT TYPE	HX-HPF				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±5%				
Lamp Watts	WITHIN TRAPEZOID				
LINE CURRENT (Amps)					
Operating.....	1.65	0.95	0.83	0.72	
Open Circuit.....	2.80	1.60	1.40	1.25	
Starting.....	2.00	1.15	1.00	0.85	
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	120				
INPUT VOLTAGE AT LAMP DROPOUT.....	96	166	192	222	
INPUT WATTS	188				
RECOMMENDED FUSE (Amps).....	10	5	5	4	
CORE and COIL					
Dimension (A)					
Dimension (B)	18				
Weight (lbs.)	10"				
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	110-130				
Open Circuit Voltage Test (Volts)					
Short-Circuit Current Test (Amps)	3.95-4.85				
Secondary Current					
Input Current.....	1.15	0.65	0.55	0.50	-
	1.75	1.00	0.85	0.75	

Capacitor:

The capacitor is included as part of the potted assembly.

Ignitor: IN CAN

The ignitor is included as part of the potted assembly.

Ballast to Lamp Distance
(BTL) = 35 feet
Temp Rating: 90°C

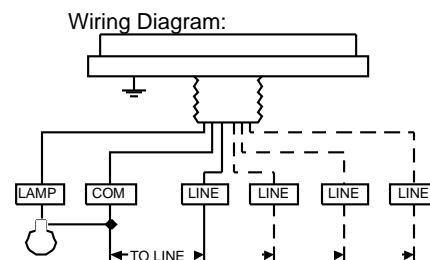


Fig. OW-2

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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