

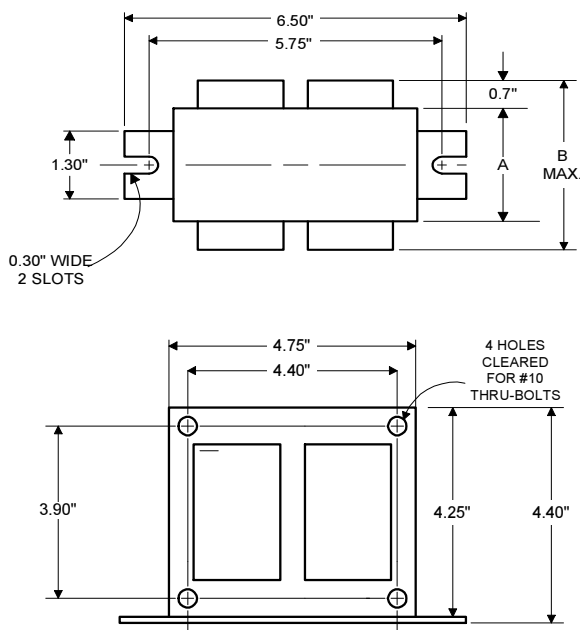
PHILIPS ADVANCE

Metal
Halide
Lamp Ballast

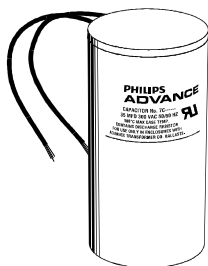
Catalog Number 71A6490
For 750W M149 (Pulse Start)
60 Hz CWA
Status: Active

DIMENSIONS AND DATA

4 1/4 X 4 3/4 CORE - 2 COIL UNIT

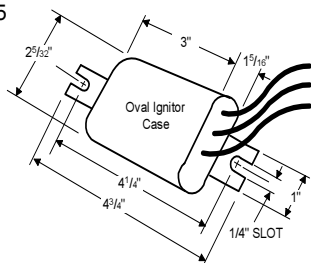


Capacitor: 7C280S40



Capacitance: 28
Dia/Oval Dim: 2.00
Height: 4.8
Temp Rating: 105°C

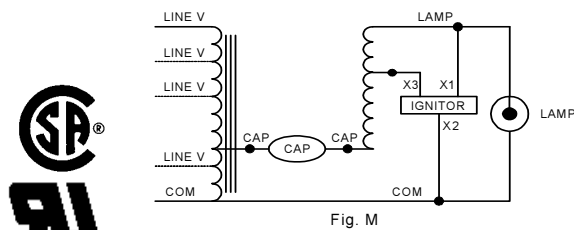
Ignitor: LI573-H5



Ballast to Lamp Distance
(BTL) = 15 feet
Temp Rating: 105°C

INPUT VOLTS		120	208	240	277
CIRCUIT TYPE		CWA			
POWER FACTOR (min)		90%			
REGULATION					
Line Volts		±10%			
Lamp Watts		±10%			
LINE CURRENT (Amps)					
Operating.....		6.90	3.85	3.45	3.00
Open Circuit.....		3.75	1.90	1.85	1.65
Starting.....		5.20	3.05	2.35	2.25
UL TEMPERATURE RATINGS					
Insulation Class		N(200°C)			
Coil Temperature Code		1029			
MIN. AMBIENT STARTING TEMP.		-30°F or -35°C			
NOM. OPEN CIRCUIT VOLTAGE		340			
INPUT VOLTAGE AT LAMP DROPOUT.....		70	110	125	140
INPUT WATTS		820			
RECOMMENDED FUSE (Amps).....		15	9	8	8
CORE and COIL					
Dimension (A)		3.00			
Dimension (B)		4.90			
Weight (lbs.)		17.5			
Lead Lengths		12"			
CAPACITOR REQUIREMENT					
Microfarads		28.0			
Volts (min.)		400			
Fault Current Withstand (amps)					
60 Hz TEST PROCEDURES (Refer to Advance Test Procedure for HID Ballasts - Form 1270)					
High Potential Test (Volts)					
1 minute		1500			
2 seconds		2500			
Open Circuit Voltage Test (Volts)		306-375			
Short-Circuit Current Test (Amps)					
Secondary Current		4.90-6.00			
Input Current.....		4.15-6.20	2.45-3.65	1.85-2.80	1.80-2.70

Wiring Diagram:



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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