

PHILIPS ADVANCE

Metal
Halide
Lamp Ballast

Catalog Number 71A64F0T
For 750W M149
60 Hz SUPER-CWA
Status: Active

DIMENSIONS AND DATA

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



INPUT VOLTS	347	480			
CIRCUIT TYPE	SUPER-CWA				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±10%				
Lamp Watts	±10%				
LINE CURRENT (Amps)					
Operating.....	2.50	1.75			
Open Circuit.....	1.35	1.00			
Starting.....	1.80	1.40			
UL TEMPERATURE RATINGS					
Insulation Class	N(200°C)				
Coil Temperature Code	1029				
	A	A			
MIN. AMBIENT STARTING TEMP.	-30°F or -35°C				
NOM. OPEN CIRCUIT VOLTAGE	340				
INPUT VOLTAGE AT LAMP DROPOUT.....	180	245			
INPUT WATTS	820				
RECOMMENDED FUSE (Amps).....	6	4			
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.....	1.45-2.15	1.10-1.65	-	-	-

Capacitor: 7C280S40



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

Wiring Diagram:

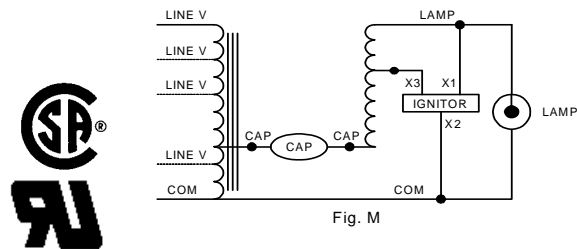


Fig. M

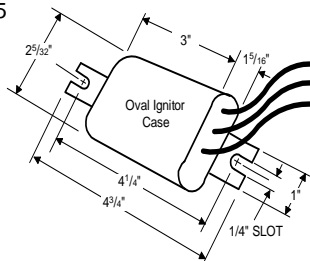
Ordering Information

Order Suffix

Description

Ignitor:

LI573-H5



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

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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