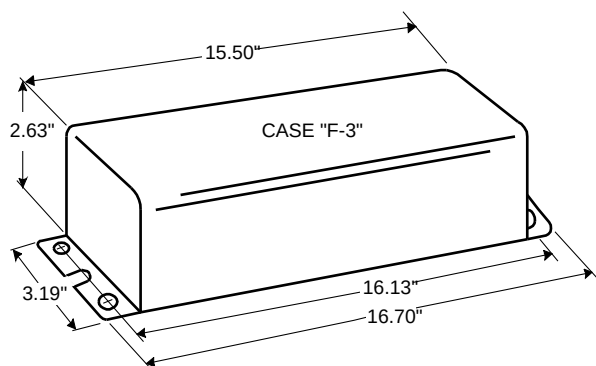


PHILIPS
ADVANCE

**Metal
Halide
Lamp Ballast**

Catalog Number 72C5783
For 250W M138/M153 (P.S.)
60 Hz CWA
Status: Active

DIMENSIONS AND DATA



INPUT VOLTS	120	277			
CIRCUIT TYPE	CWA				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±10%				
Lamp Watts	±10%				
LINE CURRENT (Amps)					
Operating.....	2.75	1.20			
Open Circuit.....	1.90	0.80			
Starting.....	2.45	1.10			
UL TEMPERATURE RATINGS	A (105°C)				
Insulation Class	1029				
Coil Temperature Code	-20°F or -30°C	A	A		
MIN. AMBIENT STARTING TEMP.	290				
NOM. OPEN CIRCUIT VOLTAGE					
INPUT VOLTAGE AT LAMP DROPOUT.....	290	65	160		
INPUT WATTS					
RECOMMENDED FUSE (Amps).....	8	3			
CORE and COIL					
Dimension (A)					
Dimension (B)	18				
Weight (lbs.)	12"				
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 127)					
High Potential Test (Volts)	1500				
	2500				
1 minute	265-325				
2 seconds					
Open Circuit Voltage Test (Volts)	2.15-2.65				
Short-Circuit Current Test (Amps)					
Secondary Current					
Input Current.....	1.70-	0.75-	-	-	-
	2.55	1.10			

Capacitor:

The capacitor is included as part of the potted assembly.

Ignitor: IN CAN

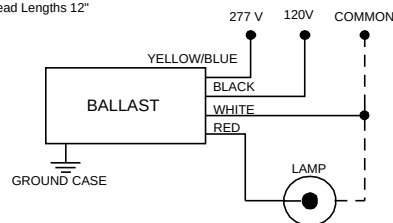
The ignitor is included as part of the potted assembly.

Ballast to Lamp Distance
(BTL) = 50 feet
Temp Rating: 90°C

RoHS
COMPLIANT

Wiring Diagram:

All Lead Lengths 12"



F-Can Wiring Diagram

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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