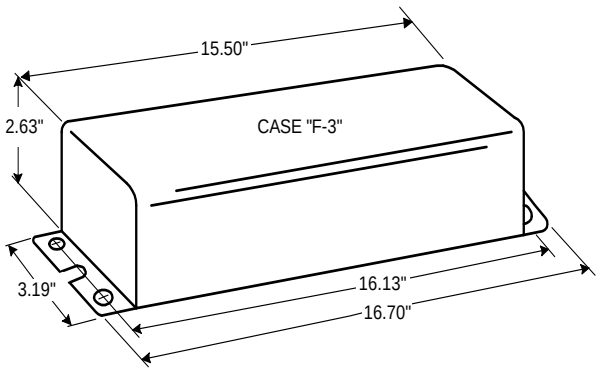
PHILIPS
ADVANCE

Metal Halide Lamp Ballast

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

DIMENSIONS AND DATA

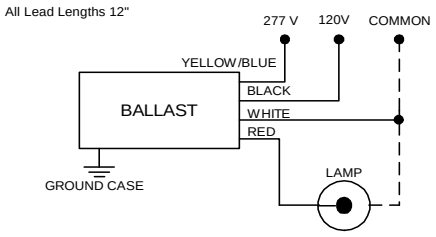


INPUT VOLTS		120	277			
CIRCUIT TYPE	CWA					
POWER FACTOR (min)	90%					
REGULATION						
Line Volts	±10%					
Lamp Watts	±10%					
LINE CURRENT (Amps)						
Operating		2.75	1.20			
Open Circuit		1.90	0.80			
Starting		2.45	1.10			
UL TEMPERATURE RATINGS						
Insulation Class	A (105℃)					
Coil Temperature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

Capacitor:

The capacitor is included as part of the potted assembly.

Wiring Diagram:



F-Can Wiring Diagram

Ordering Information

Order Suffix	Description

Ignitor: IN CAN

The ignitor is included as part of the potted assembly.

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

Data is based upon tests performed by Philips Lighting Electronic N.A. in a controlled environment and representitive of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

Philips Lighting Electronic N.A.
10275 West Higgins Road · Rosemont, IL 60018 · Tel:800-322-2086 Fax:888-432-1882
Customer Support/ Technical Service:800-372-3331 · OEM Support: 866-915-5886

07/19/13