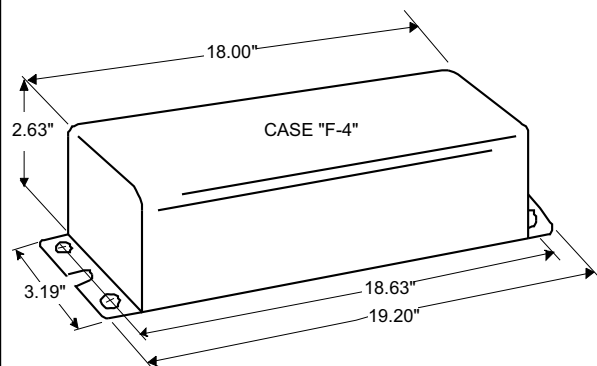


PHILIPS
ADVANCE

**Metal
Halide
Lamp Ballast**

Catalog Number 72C5882
For 320W M132/M154 (P.S.)
60 Hz CWA
Status: Active

DIMENSIONS AND DATA

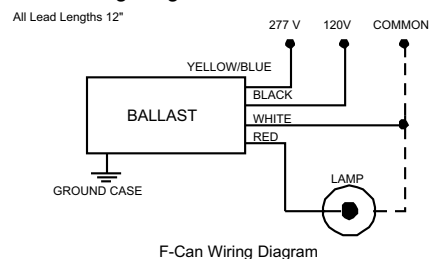


INPUT VOLTS		120	277			
CIRCUIT TYPE	CWA					
POWER FACTOR (min)	90%					
REGULATION						
Line Volts	±10%					
Lamp Watts	±10%					
LINE CURRENT (Amps)						
Operating.....		3.35	1.46			
Open Circuit.....		1.60	0.70			
Starting.....		2.75	1.20			
UL TEMPERATURE RATINGS						
Insulation Class	A (105°C)					
Coil Temperature Code	1029	A	A			
MIN. AMBIENT STARTING TEMP.	-20°F or -30°C					
NOM. OPEN CIRCUIT VOLTAGE	270					
INPUT VOLTAGE AT LAMP DROPOUT.....		65	160			
INPUT WATTS	370					
RECOMMENDED FUSE (Amps).....		8	3			
CORE and COIL						
Dimension (A)						
Dimension (B)						
Weight (lbs.)	21					
Lead Lengths	12"					
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)						
1 minute	1500					
2 seconds	2500					
Open Circuit Voltage Test (Volts)	245-300					
Short-Circuit Current Test (Amps)						
Secondary Current	2.70-3.40					
Input Current.....		2.10	0.90	-	-	-
		3.15	1.40			

Capacitor:

The capacitor is included as part of the potted assembly.

Wiring Diagram:



Ignitor: IN CAN

The ignitor is included as part of the potted assembly.

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

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.