

TECHNICAL INFORMATION BULLETIN

HID Magnetic Metal Halide Ballast

ORDERING INFORMATION

Order code: 16606

Internal code: BALM0250MCL

ANSI code: M81

Description: BMH0250/120/277/C/HX/H/HQI

UPC: 69549166066

LAMP TYPE: For One 150 Watts Metal Halide Lamp

GENERAL INFORMATION

DIMENSIONS AND DATA		120	277							
	INPUT VOLTS									
	CIRCUIT TYPE	HX-HPF								
	POWER FACTOR (min)	90%								
	REGULATION									
	Line Volts	±5%								
	Lamp Watts	±12%								
	LINE CURRENT (Amps)									
	Operating.....	1.60	0.70							
	Open Circuit.....	3.65	1.60							
	Starting.....	1.75	0.75							
	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	240								
	INPUT VOLTAGE AT LAMP DROPOUT.....	72	166							
	INPUT WATTS	180								
	RECOMMENDED FUSE (Amps).....	10	4							
	CORE and COIL									
	Dimension (A)									
Dimension (B)										
Weight (lbs.)	13									
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 127 High Potential Test (Volts)										
1 minute	1600									
2 seconds	2000									
Open Circuit Voltage Test (Volts)	215-265									
Short-Circuit Current Test (Amps)										
Secondary Current	2.15-2.65									
Input Current.....	1.00-	0.40-								
	1.50	0.65								
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) = 10 feet Temp Rating: 90°C										
<p>Wiring Diagram:</p> <p>F-Can Wiring Diagram</p>										
<p>Typical Ordering Information</p> <table border="1"> <thead> <tr> <th>Order Suffix</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>							Order Suffix	Description		
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WARRANTY:

Ballast warranty of 3 years. For more information visit our website.



Data is based upon tests performed in a controlled environment and representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.



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