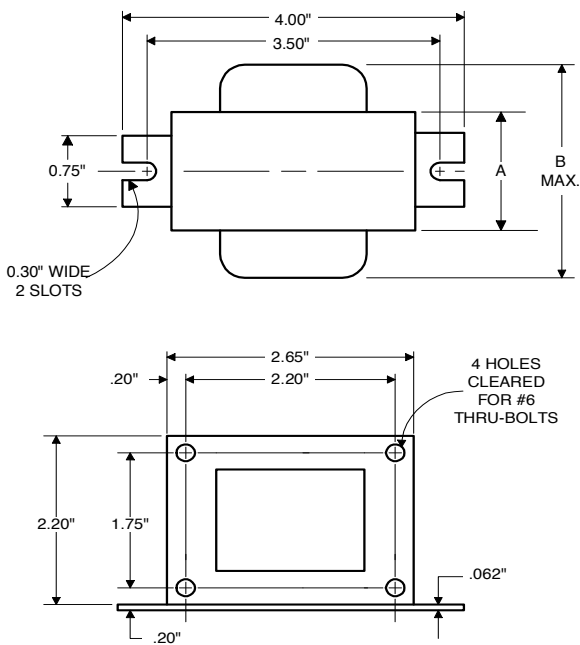

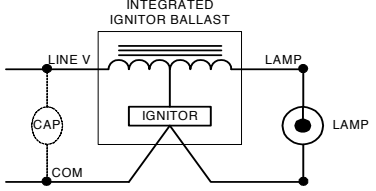


Electrical Specifications at 120V

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<p style="text-align: center;">2 5/8 X 2 3/16 CORE</p> 	<table border="1"> <tr> <td>INPUT VOLTS</td> <td>120</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CIRCUIT TYPE</td> <td>R-HPF</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>POWER FACTOR (min)</td> <td>90%</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>REGULATION</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> Line Volts</td> <td>±5%</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> Lamp Watts</td> <td>WITHIN TRAPEZOID</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>LINE CURRENT (Amps)</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> Operating.....</td> <td>1.05</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> Open Circuit.....</td> <td>1.80</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> Starting.....</td> <td>1.50</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>UL TEMPERATURE RATINGS</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> Insulation Class</td> <td>H(180°C)</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> Coil Temperature Code</td> <td>1029</td> <td>A</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MIN. AMBIENT STARTING TEMP.</td> <td>-40F or -40°C</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>NOM. OPEN CIRCUIT VOLTAGE</td> <td>120</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>INPUT VOLTAGE AT LAMP DROPOUT.....</td> <td>96</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>INPUT WATTS</td> <td>115</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>RECOMMENDED FUSE (Amps).....</td> <td>5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CORE and COIL</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> Dimension (A)</td> <td>1.50</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> Dimension (B)</td> <td>3.00</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> Weight (lbs.)</td> <td>2.8</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> Lead Lengths</td> <td>12"</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CAPACITOR REQUIREMENT</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> Microfarads</td> <td>36.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> Volts (min.)</td> <td>120</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> Fault Current Withstand (amps)</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>60 Hz TEST PROCEDURES (Refer to Advance Test Procedure for HID Ballasts - Form 1270)</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>High Potential Test (Volts)</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> 1 minute</td> <td>2000</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> 2 seconds</td> <td>2500</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Open Circuit Voltage Test (Volts)</td> <td>114-126</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Short-Circuit Current Test (Amps)</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> Secondary Current</td> <td>2.40-3.60</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> Input Current.....</td> <td>1.00-1.60</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	INPUT VOLTS	120					CIRCUIT TYPE	R-HPF					POWER FACTOR (min)	90%					REGULATION						Line Volts	±5%					Lamp Watts	WITHIN TRAPEZOID					LINE CURRENT (Amps)						Operating.....	1.05					Open Circuit.....	1.80					Starting.....	1.50					UL TEMPERATURE RATINGS						Insulation Class	H(180°C)					Coil Temperature Code	1029	A				MIN. AMBIENT STARTING TEMP.	-40F or -40°C					NOM. OPEN CIRCUIT VOLTAGE	120					INPUT VOLTAGE AT LAMP DROPOUT.....	96					INPUT WATTS	115					RECOMMENDED FUSE (Amps).....	5					CORE and COIL						Dimension (A)	1.50					Dimension (B)	3.00					Weight (lbs.)	2.8					Lead Lengths	12"					CAPACITOR REQUIREMENT						Microfarads	36.0					Volts (min.)	120					Fault Current Withstand (amps)						60 Hz TEST PROCEDURES (Refer to Advance Test Procedure for HID Ballasts - Form 1270)						High Potential Test (Volts)						1 minute	2000					2 seconds	2500					Open Circuit Voltage Test (Volts)	114-126					Short-Circuit Current Test (Amps)						Secondary Current	2.40-3.60					Input Current.....	1.00-1.60				
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<p>Capacitor: 7C360M12</p>  <p>Capacitance: 36 Dia/Oval Dim: 1.75 Height: 3.75 Temp Rating: 105°C</p>	<p>Wiring Diagram:</p>  <p style="text-align: center;">Fig. H</p>																																																																																																																																																																																																																		
<p>Ignitor: INTEGRAL</p> <p>An ignitor integral to the core and coil assembly is used to start the lamp.</p> <p>Ballast to Lamp Distance (BTL) = 2 feet Temp Rating: 125°C</p>	<p style="text-align: center;">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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<p>Data is based upon tests performed by Advance Transformer in a controlled environment and representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.</p>																																																																																																																																																																																																																			

High Pressure Sodium 71A8007B

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