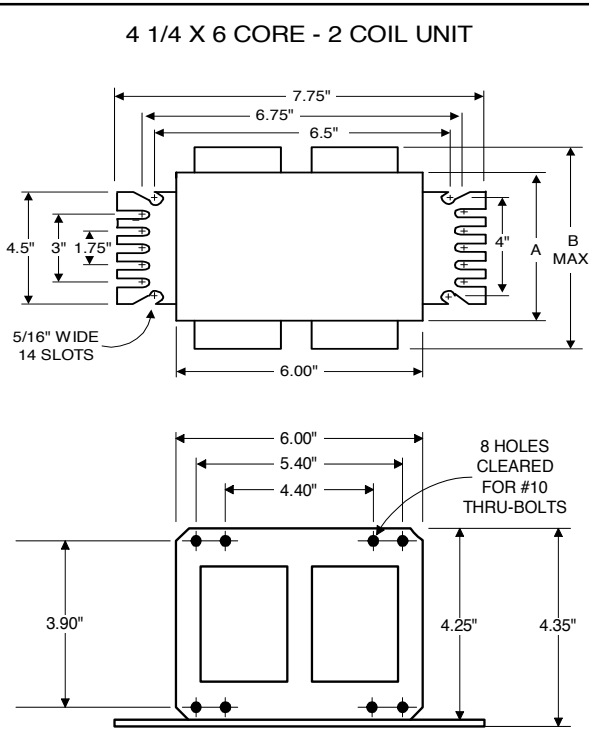
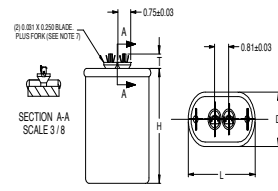
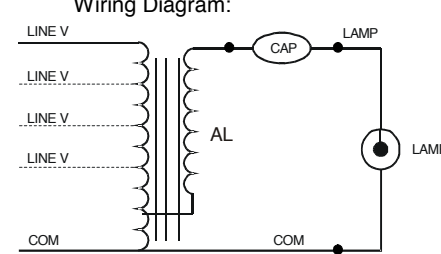


### Electrical Specifications at 480V

DIMENSIONS AND DATA																																																																																																																																																																																																																			
<p style="text-align: center;"><b>4 1/4 X 6 CORE - 2 COIL UNIT</b></p>  <p style="text-align: center;"><b>Capacitor: MD3202-100</b></p>  <p>Capacitance: 32            Dia/Oval Dim: 2.00            Height: 3.75            Temp Rating: 90°C</p>	<table border="1"> <tr> <td>INPUT VOLTS</td> <td>480</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CIRCUIT TYPE</td> <td>CWA</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>±10%</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>  Lamp Watts</td> <td>±12%</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>3.43</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>  Open Circuit.....</td> <td>1.56</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>  Starting.....</td> <td>2.94</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>E</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MIN. AMBIENT STARTING TEMP.</td> <td>-20°F or -30°C</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>NOM. OPEN CIRCUIT VOLTAGE</td> <td>460</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>INPUT VOLTAGE AT LAMP DROPOUT.....</td> <td>320</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>INPUT WATTS</td> <td>1610</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>RECOMMENDED FUSE (Amps).....</td> <td>10</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>4.70</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>  Dimension (B)</td> <td>6.70</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>  Weight (lbs.)</td> <td>30</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>32.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>  Volts (min.)</td> <td>525</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>414-506</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>7.13-8.72</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>  Input Current.....</td> <td>2.41-3.62</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table>	INPUT VOLTS	480					CIRCUIT TYPE	CWA					POWER FACTOR (min)	90%					REGULATION						Line Volts	±10%					Lamp Watts	±12%					LINE CURRENT (Amps)						Operating.....	3.43					Open Circuit.....	1.56					Starting.....	2.94					UL TEMPERATURE RATINGS						Insulation Class	H(180°C)					Coil Temperature Code	1029	E				MIN. AMBIENT STARTING TEMP.	-20°F or -30°C					NOM. OPEN CIRCUIT VOLTAGE	460					INPUT VOLTAGE AT LAMP DROPOUT.....	320					INPUT WATTS	1610					RECOMMENDED FUSE (Amps).....	10					CORE and COIL						Dimension (A)	4.70					Dimension (B)	6.70					Weight (lbs.)	30					Lead Lengths	12"					CAPACITOR REQUIREMENT						Microfarads	32.0					Volts (min.)	525					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)	414-506					Short-Circuit Current Test (Amps)						Secondary Current	7.13-8.72					Input Current.....	2.41-3.62	-	-	-	-
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<p>Ignitor: NA</p> <p style="text-align: center;">This ballast does not require the use of an ignitor.</p>	<p style="text-align: center;"><b>Wiring Diagram:</b></p>  <p style="text-align: center;">Fig. A1</p>																																																																																																																																																																																																																		
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<p><small>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.</small></p>																																																																																																																																																																																																																			

# Metal Halide 71A6742A

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Signify North America Corporation  
200 Franklin Square Drive,  
Somerset, NJ 08873  
Telephone 855-486-2216

Signify Canada Ltd.  
281 Hillmount Road,  
Markham, ON, Canada L6C 2S3  
Telephone 800-668-9008