

<div>PHILIPS</div> <div>ADVANCE</div>				<div>e-Vision® Electronic Ballast for Metal Halide Lamps</div>			<div>Catalog Number: IMH-70-J</div> <div>For 70W Metal Halide Lamps</div> <div>ANSI M98, M139 or M143</div> <div>120-277 50/60Hz Electronic</div> <div>Status: RELEASED</div>			
DIMENSIONS AND DATA										
Lamp		Input Volts	Catalog Number*	Line Current (Amps)	Input Power (Watts)	Min Power Factor	Wiring Diag	Fig.	Weight (lb)	Max. Distance to Lamp (ft)
Number	Watts									
70W Watt Lamp, ANSI Code M98, M139 or M143 Minimum Starting Temp -30°C/-20°F										
1	70	120 277	IMH-70-J-XXX	0.67 0.30	80 79	0.9	3	J	0.9	5
<div><div><div><div><div></div><div></div><div></div><div></div></div><div>Length</div><div>Overall Length</div><div>Case Width</div><div>Height</div></div><div><div><div><div></div><div></div><div></div><div></div></div><div>8-32 x 1/4" Mounting Studs</div><div>Mounting Width</div><div>2.0" [50.8]</div><div>Mounting Width</div></div></div></div></div>							<div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div>Ballast</div></div><div><div>(Red)</div><div>(Blue)</div><div>(White)</div><div>(Black)</div><div>(Green)</div></div><div><div>Lamp</div><div>Com</div><div>120V - 277V</div><div></div></div><div>Ballast Case must be Grounded</div></div></div>			
Case Figure	Overall Length	Case Length	Case Width	Height	Mountin Length	Mounting Width	Wiring Diagram 3			
J	149mm [5.9"]	140mm [5.5"]	46mm [1.8"]	30mm [1.2"]	145mm [5.7"]	27mm [1.0"]				
<div><div><div><div><div></div><div></div><div></div><div></div></div><div>Red &amp; Blue Leads (Output)</div></div><div><div><div><div></div><div></div><div></div><div></div></div><div>Tcase max = 90 deg. C</div><div>12mm.</div><div>38mm.</div><div>Black, White &amp; Green Leads (Input)</div></div></div></div><div>Case Temperature Measurement Location</div></div>							<div><div><div><div></div><div></div><div></div><div></div></div><div>UL</div></div><div><div><div><div></div><div></div><div></div><div></div></div><div>CSA®</div></div></div></div>			
INSTALLATION & APPLICATION NOTES:							*Ordering Information			
1. Maximum allowable case temperature is 90°C. See figure above for measurement location							Order Suffix	Description		
2. Ignition pulse is 4 kV max							-LF	Ballast with side exit leads and mounting feet		
3. All leads are 9 inches long										
4. Ballast output will shutdown after 20 minutes if lamp fails to ignite										
5. Power must be cycled off – then on, after replacing lamp										
6. Connect the red lead to the center terminals of the lamp when using screw base lamps										
Data is based on tests performed by Philips Advance 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. All specifications are nominal unless otherwise noted.										

## Philips Lighting Electronics N.A.

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