PHILIPS ADVANCE

e-Vision® Electronic Ballast for Metal Halide Lamps

Catalog Number: IMH-150-H
For 150W Metal Halide Lamps
ANSI C102/M102 or C142/M142
120-277V 50/60Hz Electronic
Status: RELEASED

DIMENSIONS AND DATA

<table>
<thead>
<tr>
<th>Lamp Number</th>
<th>Input Volts</th>
<th>Catalog Number*</th>
<th>Line Current (Amps)</th>
<th>Input Power (Watts)</th>
<th>Min Power Factor</th>
<th>Wiring Diag</th>
<th>Fig.</th>
<th>Weight (lb)</th>
<th>Max. Distance to Lamp (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IMH-150-H-XXX</td>
<td>120 277</td>
<td>150</td>
<td>1.4 0.6</td>
<td>165 161</td>
<td>1</td>
<td>3</td>
<td>H</td>
<td>1.9</td>
<td>5</td>
</tr>
</tbody>
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INSTALLATION & APPLICATION NOTES:

1. Maximum allowable case temperature is 85°C. See figure above for measurement location
2. Ignition pulse is 4 kV max
3. All leads are 12 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 terminal 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.

*Ordering Information

<table>
<thead>
<tr>
<th>Order Suffix</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>-LF</td>
<td>Ballast with side exit leads and mounting feet</td>
</tr>
<tr>
<td>-BLS</td>
<td>Ballast with bottom exit leads and mounting studs</td>
</tr>
</tbody>
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Wiring Diagram 3

Case Temperature Measurement Location

Tcase max = 85 deg. C

(1) Mounting foot this end
(2) Mounting feet this end