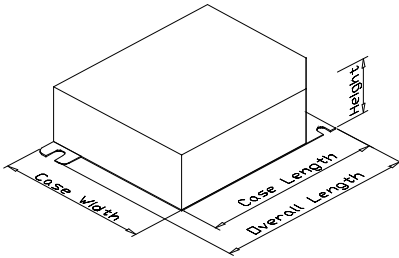
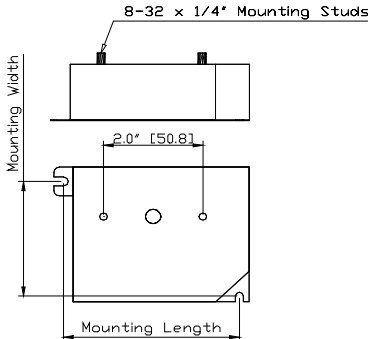
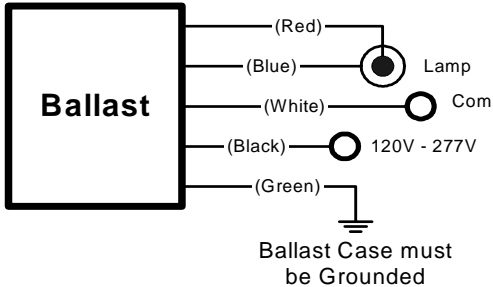
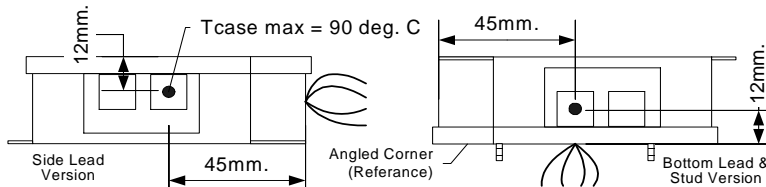



|   |                   |                |                 |  |                           |                        |   |   |                |                                  |
|---|-------------------|----------------|-----------------|--|---------------------------|------------------------|---|---|----------------|----------------------------------|
| <b>PHILIPS<br/>ADVANCE</b>  |                   |                |                 | <b>e-Vision® Electronic<br/>Ballast for Metal<br/>Halide Lamps</b> |                           |                        | Catalog Number: IMH-70-G<br>For 70W Metal Halide Lamps<br>ANSI C98/M98, C139/M139 or M143<br>120-277 50/60Hz Electronic<br>Status: RELEASED |   |                |                                  |
| DIMENSIONS AND DATA   |                   |                |                 |  |                           |                        |   |   |                |                                  |
| Lamp  |                   | Input<br>Volts | Catalog Number* | Line<br>Current<br>(Amps)  | Input<br>Power<br>(Watts) | Min<br>Power<br>Factor | Wiring Diag   | Fig.  | Weight<br>(lb) | Max.<br>Distance to<br>Lamp (ft) |
| Number  | Watts             |                |                 |  |                           |                        |   |   |                |                                  |
| 70W Watt Lamp, ANSI Code C98/M98, C139/M139 or M143 Minimum Starting Temp -20°C/-4°F  |                   |                |                 |  |                           |                        |   |   |                |                                  |
| 1   | 70                | 120<br>277     | IMH-70-G-XXX    | 0.66<br>0.28   | 79<br>76                  | 0.9                    | 3   | G   | 0.9            | 3                                |
|     |                   |                |                 |  |                           |                        |  <p>Wiring Diagram 3</p>                                  |   |                |                                  |
| Case<br>Figure  | Overall<br>Length | Case<br>Length | Case Width      | Height   | Mountin<br>Length         | Mounting<br>Width      |   |   |                |                                  |
| G   | 97mm<br>[3.8"]    | 90mm<br>[3.5"] | 77mm<br>[3.0"]  | 31 mm<br>[1.2"]  | 87mm<br>[3.4"]            | 67mm<br>[2.6"]         |   |   |                |                                  |
|  <p>Case Temperature Measurement Location</p>  |                   |                |                 |  |                           |                        |   |   |                |                                  |
| INSTALLATION & APPLICATION NOTES:   |                   |                |                 |  |                           |                        | *Ordering Information   |   |                |                                  |
| 1. Maximum allowable case temperature is 90°C.<br>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  |                   |                |                 |  |                           |                        | -BLS  | Ballast with bottom exit leads and mounting studs |                |                                  |
| 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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