

|  |                   |                 |  |                           |                           |   |                                  |      |                |                                  |
|--|-------------------|-----------------|--|---------------------------|---------------------------|---|----------------------------------|------|----------------|----------------------------------|
| <b>PHILIPS<br/>ADVANCE</b>   |                   |                 | <b>e-Vision® Electronic<br/>Dimming Ballast for<br/>Metal Halide Lamps</b> |                           |                           | Catalog Number: IZTMH-210315-R<br>For 210W or 315W Metal Halide Lamps<br>ANSI C183 or C182<br>200-277V 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             |                 |  |                           |                           |   |                                  |      |                |                                  |
| 210 Watt Lamp, ANSI Code C183 Minimum Starting Temp -20°C/-4°F   |                   |                 |  |                           |                           |   |                                  |      |                |                                  |
| 1  | 210               | 200             | IZTMH-210315-R-XXX   | 1.2                       | 229                       | 0.9   | 9                                | R    | 4.5            | 6                                |
|  | 210               | 277             |  | 0.82                      | 227                       |   |                                  |      |                |                                  |
| 315 Watt Lamp, ANSI Code C182 Minimum Starting Temp -20°C/-4°F   |                   |                 |  |                           |                           |   |                                  |      |                |                                  |
| 1  | 315               | 200             | IZTMH-210315-R-XXX   | 1.8                       | 343                       | 0.9   | 9                                | R    | 4.5            | 6                                |
|  | 315               | 277             |  | 1.25                      | 341                       |   |                                  |      |                |                                  |
|  |                   |                 |  |                           |                           |   |                                  |      |                |                                  |
| Case<br>Figure   | Overall<br>Length | Case<br>Length  | Case Width   | Height                    | Mounting<br>Length        | Mounting<br>Width   | Ballast Case must<br>be Grounded |      |                |                                  |
| R  | 208mm<br>[8.2"]   | 191mm<br>[7.5"] | 124mm<br>[4.9"]  | 56mm<br>[2.2"]            | 196mm<br>[7.7"]           | 86.5mm<br>[3.4"]  | Wiring Diagram 9                 |      |                |                                  |
|  |                   |                 |  |                           |                           |   |                                  |      |                |                                  |
| INSTALLATION & APPLICATION NOTES:<br>1. Maximum allowable case temperature is 85°C.<br>See figure above for measurement location<br>2. Ignition pulse is 4 kV max<br>3. Wires lengths are 11.0" +/- 1.0"<br>4. Ballast output will shutdown after 20 minutes if lamp fails to ignite<br>5. Power must be cycled off – then on, after replacing lamp<br>6. Ballast automatically operates lamp at 100% power for 10 minutes before allowing lamp to dim. 30 seconds fade to 50%, 3 seconds up to 100%<br>7. Minimum dimming level = 50% of nominal lamp power.<br>8. Maximum dimming control current is 0.5 mA per ballast<br>9. For outdoor applications, additional surge protector rated 10kV, 5kA minimum is recommended<br>10. Ballast is preset at factory for 210W operation - use slide switch located on the end of ballast to select lamp wattage |                   |                 |  |                           |                           |   | *Ordering Information            |      |                |                                  |
|  |                   |                 |  |                           | Order Suffix              | Description   |                                  |      |                |                                  |
|  |                   |                 |  |                           | -LF                       | Ballast with side exit leads and mounting feet  |                                  |      |                |                                  |
|  |                   |                 |  |                           |                           |   |                                  |      |                |                                  |
|  |                   |                 |  |                           |                           |   |                                  |      |                |                                  |
|  |                   |                 |  |                           |                           |   |                                  |      |                |                                  |
|  |                   |                 |  |                           |                           |   |                                  |      |                |                                  |
| 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.  |                   |                 |  |                           |                           |   |                                  |      |                |                                  |

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