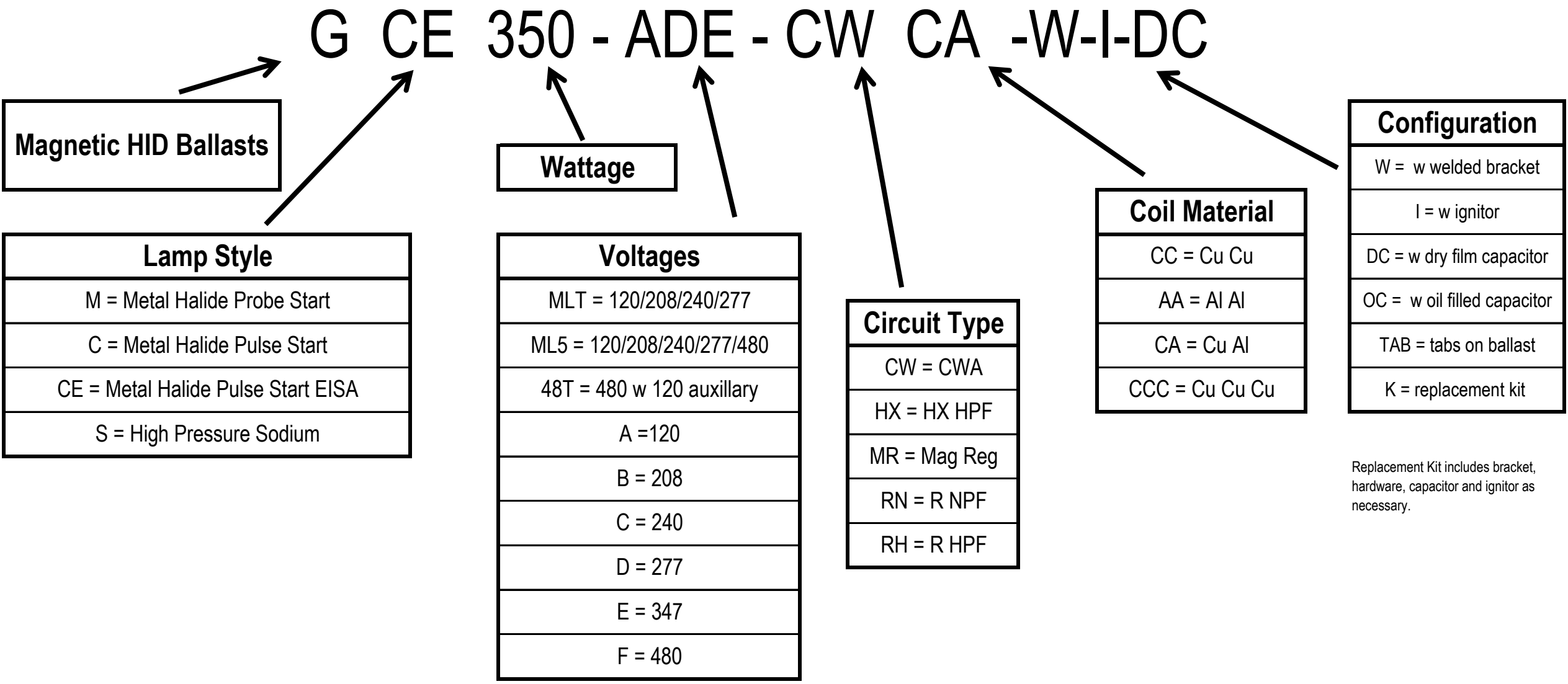




**Magnetic HID Ballasts**

| Lamp Style                         |
|------------------------------------|
| M = Metal Halide Probe Start       |
| C = Metal Halide Pulse Start       |
| CE = Metal Halide Pulse Start EISA |
| S = High Pressure Sodium           |

**Wattage**

| Voltages                  |
|---------------------------|
| MLT = 120/208/240/277     |
| ML5 = 120/208/240/277/480 |
| 48T = 480 w 120 auxillary |
| A = 120                   |
| B = 208                   |
| C = 240                   |
| D = 277                   |
| E = 347                   |
| F = 480                   |

| Circuit Type |
|--------------|
| CW = CWA     |
| HX = HX HPF  |
| MR = Mag Reg |
| RN = R NPF   |
| RH = R HPF   |

| Coil Material  |
|----------------|
| CC = Cu Cu     |
| AA = Al Al     |
| CA = Cu Al     |
| CCC = Cu Cu Cu |

| Configuration               |
|-----------------------------|
| W = w welded bracket        |
| I = w ignitor               |
| DC = w dry film capacitor   |
| OC = w oil filled capacitor |
| TAB = tabs on ballast       |
| K = replacement kit         |

| UBI# | Hatch Item No.    | Lamp Type | Lamp Watts | Lamp ANSI Code    | Circuit Type | OCV  | Input Volts |     |     |     |  |     |   | TempH Max | TempN Max | Ignitor | Cap Type Std | Capacitance μ F | Cap. Min. VAC       | Core Dimensions (cm) | Coil Material |      |      |  |
|------|-------------------|-----------|------------|-------------------|--------------|------|-------------|-----|-----|-----|--|-----|---|-----------|-----------|---------|--------------|-----------------|---------------------|----------------------|---------------|------|------|--|
|      |                   |           |            |                   |              |      |             |     |     |     |  |     |   |           |           |         |              |                 |                     |                      | Pri.          | Sec. | 3rd. |  |
| 20   | GM175-ML5-CWCA-K  | M         | 175 / 150  | M57 / H39 / M107  | CWA          | 302  | 120         | 208 | 240 | 277 |  | 480 | C | A         |           | Oil     | 10           | 400             | 10.0 x 7.15 x 6.2   | Cu                   | Al            |      |      |  |
| 60   | GM175-MLT-CWCA-K  | M         | 175 / 150  | M57 / H39 / M107  | CWA          | 315  | 120         | 208 | 240 | 277 |  |     | B | A         |           | Oil     | 10           | 400             | 10.0 x 7.2 x 6.2    | Cu                   | Al            |      |      |  |
| 120  | GM250-ML5-CWCA-K  | M         | 250        | M58 / H37         | CWA          | 307  | 120         | 208 | 240 | 277 |  | 480 | A | A         |           | Oil     | 15           | 400             | 12.1 x 10.8 x 4.7   | Cu                   | Al            |      |      |  |
| 170  | GM250-MLT-CWAA-K  | M         | 250        | M58 / H37         | CWA          | 304  | 120         | 208 | 240 | 277 |  |     | A | A         |           | Oil     | 15           | 400             | 12.1 x 10.8 x 4.1   | Al                   | Al            |      |      |  |
| 300  | GM400-ML5-CWCA-K  | M         | 400        | M59 / H33         | CWA          | 300  | 120         | 208 | 240 | 277 |  | 480 | B | A         |           | Oil     | 24           | 360             | 12.1 x 10.8 x 5.9   | Cu                   | Al            |      |      |  |
| 340  | GM400-MLT-CWAA-K  | M         | 400        | M59 / H33         | CWA          | 300  | 120         | 208 | 240 | 277 |  |     | B | A         |           | Oil     | 24           | 360             | 12.1 x 10.8 x 5.9   | Al                   | Al            |      |      |  |
| 430  | GM1000-ML5-CWCA-K | M         | 1000       | M47 / H36         | CWA          | 420  | 120         | 208 | 240 | 277 |  | 480 | D | A         |           | Oil     | 24           | 480             | 15.2 x 10.8 x 8.25  | Cu                   | Al            |      |      |  |
| 480  | GM1000-MLT-CWCA-K | M         | 1000       | M47 / H36         | CWA          | 411  | 120         | 208 | 240 | 277 |  |     | D | A         |           | Oil     | 24           | 480             | 15.2 x 10.8 x 7.65  | Cu                   | Al            |      |      |  |
| 600  | GM1500-MLT-CWCC-K | M         | 1500       | M48               | CWA          | 405  | 120         | 208 | 240 | 277 |  |     | E | A         |           | Oil     | 32           | 525             | 15.3 x 10.8 x 10.4  | Cu                   | Cu            |      |      |  |
| 610  | GM1500-48T-CWCC-K | M         | 1500       | M48               | CWA          | 447  | 120         |     |     |     |  | 480 | G | C         |           | Oil     | 32           | 525             | 15.3 x 10.8 x 10.5  | Cu                   | Cu            |      |      |  |
| 650  | GC50-MLT-HXAA-K   | P         | 50         | M110 / M148       | HX-HPF       |      | 120         | 208 | 240 | 277 |  |     |   |           | GMHR3     | Dry     | 6            | 280             |                     | Al                   | Al            |      |      |  |
| 710  | GC70-MLT-HXCA-K   | P         | 70         | M98 / M143 / M139 | HX-HPF       |      | 120         | 208 | 240 | 277 |  |     |   |           | GMHR3     | Dry     | 8            | 280             |                     | Cu                   | Al            |      |      |  |
| 720  | GC70-48T-HXCC-K   | P         | 70         | M98 / M143 / M139 | HX-HPF       | 260  | 120         |     |     |     |  | 480 | C | A         | GMHR3     | Dry     | 8            | 280             | 10.0 x 7.2 x 3.7    | Cu                   | Cu            |      |      |  |
| 780  | GC100-MLT-HXCA    | P         | 100        | M90 / M140        | HX-HPF       |      | 120         | 208 | 240 | 277 |  |     |   |           | GMHR3     | Dry     | 12           | 280             |                     | Cu                   | Al            |      |      |  |
| 790  | GC100-48T-HXCC-K  | P         | 100        | M90 / M140        | HX-HPF       | 281  | 120         |     |     |     |  | 480 | C | A         | GMHR3     | Dry     | 12           | 280             | 10.0 x 7.2 x 4.1    | Cu                   | Cu            |      |      |  |
| 910  | GC150-MLT-HXCA-K  | P         | 150        | M102 / M142       | HX-HPF       |      | 120         | 208 | 240 | 277 |  |     |   |           | GMHR3     | Dry     | 16           | 280             |                     | Cu                   | Al            |      |      |  |
| 920  | GC150-48T-HXCC-K  | P         | 150        | M102 / M142       | HX-HPF       | 266  | 120         |     |     |     |  | 480 | E | A         | GMHR3     | Dry     | 16           | 280             | 10.0 x 7.2 x 5.9    | Cu                   | Cu            |      |      |  |
| 960  | GC175-ML5-CWCC-K  | P         | 175        | M137 / M152       | CWA-pulse    | 313  | 120         | 208 | 240 | 277 |  | 480 | B | A         | GMHR1     | Oil     | 10           | 400             | 10.0 x 7.2 x 6.15   | Cu                   | Cu            |      |      |  |
| 970  | GC175-MLT-CWCC-K  | P         | 175        | M137 / M152       | CWA-pulse    | 254  | 120         | 208 | 240 | 277 |  |     | C | A         | GMHR1     | Oil     | 11.5         | 345             | 10 x 5.2 x 7.1      | Cu                   | Cu            |      |      |  |
| 1220 | GC250-ML5-CWCA-K  | P         | 250        | M138 / M153       | CWA-pulse    | 286  | 120         | 208 | 240 | 277 |  | 480 | A | A         | GMHR1     | Oil     | 15           | 400             | 12.1 x 10.8 x 5.05  | Cu                   | Al            |      |      |  |
| 1310 | GC250-MLT-CWCA-K  | P         | 250        | M153 / M138       | CWA-pulse    | 274  | 120         | 208 | 240 | 277 |  |     | A | A         | GMHR1     | Oil     | 15           | 400             | 12.1 x 10.8 x 4.7   | Cu                   | Al            |      |      |  |
| 1340 | GC320-ML5-CWCA-K  | P         | 320        | M132 / M154       | CWA-pulse    | 276  | 120         | 208 | 240 | 277 |  | 480 | C | A         | GMHR1     | Oil     | 21           | 345             | 12.1 x 10.8 x 5.55  | Cu                   | Al            |      |      |  |
| 1360 | GC320-MLT-CWAA-K  | P         | 320        | M132 / M154       | CWA-pulse    | 279  | 120         | 208 | 240 | 277 |  |     | B | A         | GMHR1     | Oil     | 21           | 345             | 12.1 x 10.8 x 5.55  | Al                   | Al            |      |      |  |
| 1520 | GCE350-ML5-CWCA-K | P         | 350        | M131              | CWA-pulse    |      | 120         | 208 | 240 | 277 |  | 480 |   |           | GMHR1     | Oil     | 24           | 400             |                     | Cu                   | Al            |      |      |  |
| 1540 | GCE350-MLT-CWCA-K | P         | 350        | M131              | CWA-pulse    | <300 | 120         | 208 | 240 | 277 |  |     | A | A         | GMHR1     | Oil     | 24           | 400             | 12.1 x 10.8 x 5.9   | Cu                   | Al            |      |      |  |
| 1640 | GCE400-MLT-CWAA-K | P         | 400        | M135              | CWA-pulse    | 282  | 120         | 208 | 240 | 277 |  |     | B | A         | GMHR1     | Oil     | 26           | 400             | 12.1 x 10.8 x 5.9   | Al                   | Al            |      |      |  |
| 1690 | GCE400-ML5-CWCA-K | P         | 400        | M153 / M138       | CWA-pulse    | <300 | 120         | 208 | 240 | 277 |  | 480 | B | A         | GMHR1     | Oil     | 26           | 400             | 12.1 x 10.8 x 5.9   | Cu                   | Al            |      |      |  |
| 1870 | GC750-ML5-CWCA-K  | P         | 750 / 775  | M149 / M181       | CWA-pulse    |      | 120         | 208 | 240 | 277 |  | 480 |   |           | GMHR2     | Oil     | 24           | 480             |                     | Cu                   | Al            |      |      |  |
| 1880 | GC750-MLT-CWCA-K  | P         | 750        | M149 / M181       | CWA-pulse    | 370  | 120         | 208 | 240 | 277 |  |     | C | A         | GMHR2     | Oil     | 24           | 480             | 15.2 x 10.8 x 6.65  | Cu                   | Al            |      |      |  |
| 1990 | GC1000-ML5-CWCA-K | P         | 1000 / 875 | M141 / M166 / M47 | CWA-pulse    | 413  | 120         | 208 | 240 | 277 |  | 480 | C | A         | GHPS1K    | Oil     | 24           | 480             | 15.24 x 10.8 x 8.25 | Cu                   | Al            |      |      |  |
| 2000 | GC1000-MLT-CWCA-K | P         | 1000 / 875 | M141 / M166 / M47 | CWA-pulse    | 402  | 120         | 208 | 240 | 277 |  |     | C | A         | GHPS1K    | Oil     | 24           | 480             | 15.24 x 10.8 x 7.65 | Cu                   | Al            |      |      |  |
| 2230 | GS35-A-RNC-K      | S         | 35         | S76               | R-NPF        | 120  | 120         |     |     |     |  |     | A | A         | GHPSR1    | Dry     | 20           | 120             | 6.7 x 5.7 x 1.7     | Cu                   |               |      |      |  |
| 2250 | GS50-MLT-HXCA-K   | S         | 50         | S68               | HX-HPF       |      | 120         | 208 | 240 | 277 |  |     |   |           | GHPSR1    | Dry     | 5            | 280             |                     | Cu                   | Al            |      |      |  |
| 2300 | GS50-A-RNC-K      | S         | 50         | S68               | R-NPF        | 120  | 120         |     |     |     |  |     | A | A         | GHPSR1    | Dry     | 20           | 120             | 6.7 x 5.7 x 2.1     | Cu                   |               |      |      |  |