



October 15, 2007

Dear Valued Customer,

As you are aware, the Energy Policy Act 2005 (EPAct 2005) by the Federal Energy Regulatory Commission mandates that as of January 1, 2008, HID ballasts that operate Mercury Vapor lamps (MV HID ballasts) can no longer be manufactured in or imported into the United States.

As a result of this we have decided to implement the following actions:

1. Advance will not accept any purchase order requesting MV HID ballasts after November 15, 2007, for sales or delivery in the U.S. by December 31, 2007.

2. In order to support customers and users with a replacement solution for HID MV ballasts designs 175W MV (71A3304-791, 120V and 71A3305-791, 240V) and 250W MV, we currently have:

|                |                               |
|----------------|-------------------------------|
| 70W HPS, 120V  | 71A7907-791 NEMA head reactor |
| 100W HPS, 120V | 71A8007-791 NEMA head reactor |
| 100W HPS, 240V | 71A8021-791 NEMA head reactor |
| 150W HPS, 120V | 71A8107-791 NEMA head reactor |

We will create new Metal Halide designs (kits) including NEMA brackets on the following products and will have them readily available as of January 1, 2008:

100W Pulse Start Metal Halide, 120V (71A5300-791 NPF)  
175W Metal Halide, 120V (71A5502-791 NPF LAG)

A complete list of all Mercury Vapor alternatives is attached. For more information and specifications for these substitutes, please visit our website at: [advancetransformer.com](http://advancetransformer.com)

Please contact your Sales Representative with any questions. Thank you.

Sincerely,

HID Product Management

Enclosure

List of HID Mercury Vapor Ballast Alternatives:

| MV LAMP WATTS | MV Ballast Family | Circuit Type           | MH Family                 | HPS Family |
|---------------|-------------------|------------------------|---------------------------|------------|
| 50W           | 71A1580*          | CWA 120/277V           |                           |            |
|               | 71A1800*          | HX 120V                | 71A5105*                  | 71A7801*   |
|               | 71A1801*          | HX 120V                | 71A5105*                  | 71A7801*   |
|               | 74P1501*          | CWA 120V               |                           |            |
|               | 74P1801*          | HX 120V                | 74P5103*                  | 74P7803*   |
| 75W           | 71A2000*          | CWA 120V               | 71A5283*                  | 71A7988*   |
|               | 71A2030*          | CWA 277V               | 71A5283*                  | 71A7988*   |
|               | 71A2080*          | CWA 120/277V           | 71A5283*                  | 71A7988*   |
|               | 71A2301*          | HX 120V                | 71A5205-P*                | 71A7901*   |
|               | 71A2303*          | HX 277V                | 71A5205-P*<br>or 71A5282* | 71A7901*   |
|               | 74P2001*          | CWA 120V               |                           |            |
|               | 74P2301*          | HX 120V                |                           | 74P7903*   |
| 100W          | 71A2501*          | CWA 120V               | 71A5383*                  | 71A8088*   |
|               | 71A2531*          | CWA 277V               | 71A5383*                  | 71A8088*   |
|               | 71A2541*          | CWA 480V               |                           |            |
|               | 71A2571*          | CWA QUAD               | 71A5383*                  | 71A8088*   |
|               | 71A2591*          | CWA QUAD               | 71A5383*                  | 71A8088*   |
|               | 71A25A1*          | CWA TRI                |                           |            |
|               | 71A25J1*          | CWA 220V               |                           | 71A80H8*   |
|               | 71A25N1*          | CWA 120/220/240V 50 Hz |                           | 71A80N1*   |
|               | 71A2800*          | HX 120V                | 71A5300*                  | 71A8001*   |
|               | 71A2801*          | HX 120V                | 71A5300*                  | 71A8001*   |
|               | 71A2802*          | HX 120V                | 71A5300*                  | 71A8001*   |
|               | 72C2584*          | CWA 120/277V           |                           |            |
|               | 72C25C4*          | CWA 120/347V           |                           |            |
|               | 73B2591*          | CWA QUAD               | 73B5380*                  |            |
|               | 74P2503*          | CWA 120V               |                           |            |
|               | 74P2513*          | CWA 208V               |                           |            |
|               | 74P2523*          | CWA 240V               |                           |            |
|               | 74P2533*          | CWA 277V               |                           |            |
|               | 74P2802*          | HX 120V                |                           | 74P8003*   |
|               | 74P2832*          | R 277V                 |                           | 74P8033*   |
| 79W2591*      | CWA QUAD          |                        |                           |            |
| 125W          | 71A29D1*          | CWA 120/277/347V       |                           |            |
|               | 71A29R0*          | CWA 220/240V 50 Hz     |                           | 71A80N1*   |
|               | 72C29C4*          | CWA 120/347V           |                           |            |

|                  |             |                     |             |             |          |
|------------------|-------------|---------------------|-------------|-------------|----------|
| <b>175W</b>      | 71A3002*    | CWA 120V            | 71A5500*    | 71A8188*    |          |
|                  | 71A3032*    | CWA 277V            | 71A5530*    | 71A8188*    |          |
|                  | 71A3042*    | CWA 480V            | 71A5540*    | 71A8148*    |          |
| <b>100/175W</b>  | 71A3050*    | CWI 120/240V        |             | 71A81E6*    |          |
| <b>175W</b>      | 71A3072*    | CWA QUAD            | 71A5590*    | 71A8176*    |          |
|                  | 71A3092*    | CWA QUAD            | 71A5590*    | 71A8196*    |          |
|                  | 71A30D2*    | CWA 120/277/347V    | 71A55A0*    |             |          |
|                  | 71A3301*    | HX 120V             | 71A5502*    | 71A8102*    |          |
| <b>175W NEMA</b> | 71A3304*    | HX 120V             | 71A5502-791 | 71A8107-791 |          |
| <b>175W</b>      | 71A3306*    | HX 120V             | 71A5502*    | 71A8102*    |          |
|                  | 71A3307*    | HX 120V             | 71A5502*    | 71A8102*    |          |
|                  | 71A3325*    | R 240V (220V 50 Hz) |             |             |          |
|                  | 71A3335*    | R 277V              |             |             |          |
|                  | 71A33T7*    | R 240V              |             |             |          |
|                  | 72C3084*    | CWA 120/277V        | 72C5581*    | 72C8185*    |          |
|                  | 72C30C4*    | CWA 120/347V        | 72C55C1*    | 72C81C5*    |          |
|                  | 73B3092*    | CWA QUAD            | 73B5390*    |             |          |
|                  | 74P3003*    | CWA 120V            |             |             |          |
|                  | 74P3013*    | CWA 208V            |             |             |          |
|                  | 74P3023*    | CWA 240V            |             |             |          |
|                  | 74P3033*    | CWA 277V            |             |             |          |
|                  | 74P3303*    | HX 120V             |             | 74P8103*    |          |
|                  | 74P3313*    | HX 208V             |             |             |          |
|                  | 74P3323*    | R 240V              |             |             |          |
|                  | 74P3333*    | R 277V              |             |             |          |
|                  | 78E3092*    | CWA QUAD            | 78E5590*    |             |          |
|                  | 79W3092*    | CWA QUAD            | 79W5590*    |             |          |
|                  | <b>250W</b> | 71A3502*            | CWA 120V    | 71A5700*    | 71A8201* |
|                  |             | 71A3542*            | CWA 480V    | 71A5740*    | 71A8241* |
| 71A3572*         |             | CWA QUAD            | 71A5770*    | 71A8271*    |          |
| 71A3592*         |             | CWA QUAD            | 71A5790*    | 71A8291*    |          |
| 71A35D2*         |             | CWA 120/277/347V    | 71A57A0*    | 71A82A1*    |          |
| 71A35J2*         |             | CWA 220V            | 71A57H0*    | 71A82H1*    |          |
| <b>250W NEMA</b> | 71A3801*    | R 120V              |             |             |          |
| <b>250W</b>      | 71A3802*    | R 120V              |             |             |          |
|                  | 71A3825*    | R 240V              |             | 71A8227*    |          |
|                  | 72C3584*    | CWA 120/277V        | 72C5782*    |             |          |
|                  | 73B3592*    | CWA QUAD            | 73B5790*    | 73B8281*    |          |
|                  | 74P3503*    | CWA 120V            |             |             |          |
|                  | 74P3513*    | CWA 208V            |             |             |          |
|                  | 74P3523*    | CWA 240V            |             |             |          |

|                 |          |                   |          |          |
|-----------------|----------|-------------------|----------|----------|
|                 | 74P3533* | CWA 277V          |          |          |
|                 | 79W3542* | CWA 480V          |          | 79W8241* |
|                 | 79W3592* | CWA QUAD          | 79W5790* | 79W8291* |
| <b>400W</b>     | 71A4041* | CWA 480V          | 71A6041* | 71A8443* |
|                 | 71A4071* | CWA QUAD          | 71A6071* | 71A8473* |
|                 | 71A4091* | CWA QUAD          | 71A6091* | 71A8493* |
|                 | 71A40D1* | CWA 120/277/347V  | 71A60A1* | 71A84A3* |
| <b>400W X 2</b> | 71A4300* | CWI 120V          |          | 71A84E6* |
|                 | 71A4330* | CWI 277V          | 71A60F6* |          |
|                 | 71A4340* | CWI 480V          |          | 71A85F6* |
| <b>400W</b>     | 71A4451* | HX 120/240V       |          |          |
|                 | 72C4083* | CWA 120/277V      | 72C6082* |          |
|                 | 73B4091* | CWA QUAD          | 73B6091* | 73B8483* |
|                 | 78E4041* | CWA 480V          | 78E6041* |          |
|                 | 78E4091* | CWA QUAD          | 78E6091* |          |
|                 | 79W4041* | CWA 480V          | 79W6041* | 79W8443* |
|                 | 79W4091* | CWA QUAD          | 79W6091* | 79W8493* |
| <b>1000W</b>    | 71A5040* | CWA 480V          | 71A6542* | 71A8743* |
|                 | 71A5070* | CWA QUAD          | 71A6572* | 71A8773* |
|                 | 71A5090* | CWA QUAD          | 71A6592* | 71A8793* |
|                 | 71A50R0* | CWA 220/240 50 Hz | 71A65N2* | 71A87R3* |
|                 | 79W5040* | CWA 480V          | 79W6542* | 79W8743* |
|                 | 79W5090* | CWA QUAD          | 79W6592* | 79W8793* |