

# HID SPECIALIZED METAL HALIDE



## Natural White® PS MH, 5000K, 90+ CRI Lamps

| Watts | Order Code | Product Description             | ANSI Code | Case Pack |
|-------|------------|---------------------------------|-----------|-----------|
| 320   | 95320      | MP 320W/H75/T15/S/UVS/PS/EM/950 | M154/O    | 12        |
|       | 95321      | MP 320W/H75/T15/L/UVS/PS/EM/950 | M154/O    | 12        |
|       | 98530      | MP 320W/BU/ED28/UVS/PS/EM/950   | M154/O    | 12        |
|       | 98520      | MP 320W/BU/ED37/UVS/PS/EM/950   | M154/O    | 6         |
| 400   | 57129      | MP 400W/BU/UVS/PS/EM/950        | M155/O    | 6         |
| 575   | 95575      | MP 575W/BU/BT37/PS/EM/950       | M178/O    | 6         |
|       | 95577      | MS 575W/H75/BT37/PS/EM/950      | M178/E    | 6         |
| 775   | 24983      | MP 775W/BU/BT37/PS/950          | M181/O    | 6         |
|       | 24988      | MP 775W/BD/BT37/PS/950          | M181/O    | 6         |
|       | 24999      | MS 775W/H75/BT37/PS/950         | M181/E    | 6         |

## Natural White® PS MH Ballast Kits

| Watts | Order Code | Product Description | ANSI Code | Input Watts |
|-------|------------|---------------------|-----------|-------------|
| 320   | V90D7413K  | Quad Tap CWA        | M154      | 364         |
|       | V90Y7412TK | 480V Tap CWA        | M154      | 364         |
| 575   | V90D5510K  | Quad Tap CWA        | M178      | 640         |
|       | V90Y5510TK | 480V Tap CWA        | M178      | 640         |
|       | V90AM5510K | Quint Tap CWA       | M178      | 630         |

## Energy Master® Energy Saving Retrofit Lamps

| Watts | Order Code | Product Description | Replaces Existing Wattage | Watts Saved | ANSI Code        | Case Pack |
|-------|------------|---------------------|---------------------------|-------------|------------------|-----------|
| 150   | 44810      | MH 150W/U/EM        | 175W                      | 25          | M57/E and M107/E | 12        |
|       | 69559      | MH 150W/U/ED28/EM   | 175W                      | 25          | M57/E and M107/E | 12        |
| 330   | 91834      | MPI 330W/BU/EM      | 400W                      | 70          | M59/O and M155/O | 6         |
| 360   | 38029      | MPI 360W/BU/EM      | 400W                      | 40          | M59/O and M165/O | 6         |
|       | 67293      | MPI 360W/C/BU/EM    | 400W                      | 40          | M59/O and M165/O | 6         |

## White-Lux® Metal Halide Retrofit HPS Lamps

| Watts | Order Code | Product Description | ANSI Code | Case Pack |
|-------|------------|---------------------|-----------|-----------|
| 250   | 91051      | MH 250W/U/LU        | S50/E     | 12        |
|       | 24785      | MPI 250W/BU/LU      | S50/O     | 12        |
| 400   | 52134      | MH 400W/U/LU        | S51/E     | 6         |
|       | 59441      | MH 400W/U/LU/ED28   | S51/E     | 12        |
|       | 10044      | MPI 400W/BU/LU      | S51/O     | 6         |

## Natural White® Benefits

- Crisp, bright light with 5000K CCT and 90+ CRI
- 90% maintained lumens (0.90 LLD)
- 14% Perceivable brighter light
- Extreme long life at 15,000 - 40,000 hours



Before  
1000W MH



After  
575W SPL



Before  
1000W MH



After  
775W SPL

Many *Natural White* lamps have an energy saving benefit. They actually run at a lower wattage when operating on magnetic ballasts. This decreases energy costs while still delivering bright, crisp white light.

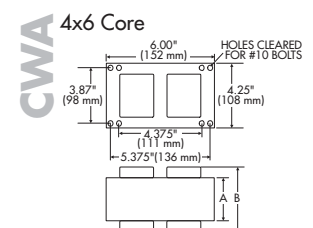
## Energy Master® Lamps Benefits

- Just change the lamp not the ballast
- Save energy; Up to \$25.50 annually per lamp
- Open rated lamps available in 330W and 360W

## White-Lux® Retrofit Lamps Benefits

- Replace yellow HPS lamps with white MH lamps
- Just change the lamp not the ballast
- Electrical and photometric compatibility with HPS systems
- Clear and coated outer jacket options
- Shrouded open-rated lamps comply with 2005 National Electric Code available in 250 and 400 watts
- Excellent color rendering (65-70 CRI vs. 22 CRI for HPS)

Notes: All ballast kits are sold individually boxed and include prewired capacitor & ignitor (when required) plus universal mounting brackets.



# HID HIGH PRESSURE SODIUM, CAPS AND IGNITORS



## HPS Lamps

| Watts | Order Code | Product Description | ANSI Code | Case Pack |
|-------|------------|---------------------|-----------|-----------|
| 50    | 23002      | LU50/MED/ECO        | S68/E     | 12        |
|       | 23010      | LU50                | S68/E     | 12        |
| 70    | 23012      | LU70/ECO            | S62/E     | 12        |
|       | 23004      | LU70/MED/ECO        | S62/E     | 12        |
| 100   | 23014      | LU100/ECO           | S54/E     | 12        |
|       | 23006      | LU100/MED/ECO       | S54/E     | 12        |
| 150   | 23016      | LU150/55/ECO        | S55/E     | 12        |
|       | 23008      | LU150/55/MED/ECO    | S55/E     | 12        |
| 250   | 23019      | LU250/ECO           | S50/E     | 36        |
| 400   | 23022      | LU400/ECO           | S51/E     | 36        |
| 1000  | 23025      | LU1000/ECO          | S52/E     | 12        |

## HPS Ballast Kits

| Watts | Order Code | Product Description | ANSI Code |
|-------|------------|---------------------|-----------|
| 50    | V90B1120K  | 120V Reactor        | S68       |
|       | V90H1132K  | Dual Tap HX-HPF     | S68       |
| 70    | V90B1222K  | 120V Reactor        | S62       |
|       | V90D1233K  | Quad Tap HX-HPF     | S62       |
| 100   | V90B1322K  | 120V Reactor        | S54       |
|       | V90D1333K  | Quad Tap HX-HPF     | S54       |
| 150   | V90B1422K  | 120V Reactor        | S55       |
|       | V90D1435K  | Quad Tap HX-HPF     | S55       |
| 250   | V90D1711K  | Quad Tap CWA        | S50       |
|       | V90Y1711TK | 480V Tap CWA        | S50       |
| 400   | V90D1912K  | Quad Tap CWA        | S51       |
|       | V90Y1912TK | 480V Tap CWA        | S51       |
| 1000  | V90D2315K  | Quad Tap CWA        | S52       |
|       | V90Y2311TK | 480V Tap CWA        | S52       |



## Capacitors

| Product Code | Type     | Micro-Farads | VAC |
|--------------|----------|--------------|-----|
| ACG033       | Dry Film | 6            | 330 |
| ACG310       | Dry Film | 8            | 280 |
| ACG279       | Dry Film | 10           | 400 |
| ACG321       | Dry Film | 12           | 330 |
| ACG303       | Dry Film | 12.5         | 330 |
| ACG277       | Dry Film | 15           | 400 |
| ACG301       | Dry Film | 16           | 330 |
| ACB3270V     | Oil Cap  | 22           | 525 |
| ACG247       | Dry Film | 24           | 400 |
| ACB2200V     | Oil Cap  | 24           | 480 |
| ACG278       | Dry Film | 26           | 400 |
| ACB2640V     | Oil Cap  | 26           | 525 |
| ACB2560V     | Oil Cap  | 32           | 525 |
| ACG312       | Dry Film | 38           | 330 |
| ACG255       | Dry Film | 55           | 300 |

## Replacement Ignitors

| Product Code | Product Description |
|--------------|---------------------|
| BVS004A      | 35-150W HPS REACTOR |
| BVS005A      | 200-430W HPS        |
| BVS006A      | 35-150W HPS         |
| BVS020       | 875-1000W HPS/PSMH  |
| BVS032       | Low Watt PSMH HX    |
| BVS041       | Mid Watt PSMH CWA   |
| BVS045       | Mid Watt PSMH HX    |

## Replacement Sockets

Standard medium and mogul enclosed-rated (E26, E39), open-rated (EX26, EX39), and position oriented mogul (EP39) bases are available. Contact Venture Lighting for more information

