

**Presented By:** iLightDepot/GELightingDepot  
**Contact Phone:** 513-272-0800  
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**Customer Name:**  
**Project Name:**  
**Fixture Type:**

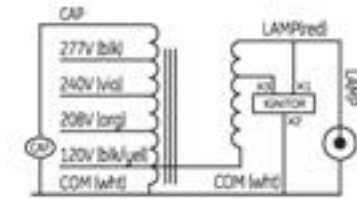
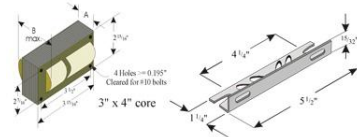
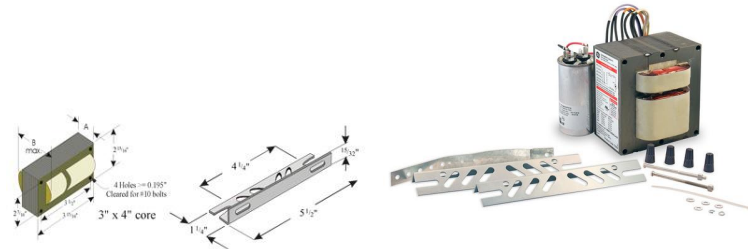


**GE  
Lighting**

**87152 - GES50MLTLA3D-5**

GE HID Distributor Replacement Kit Magnetic High Pressure Sodium Core and Coil Ballast

- Magnetic ballast construction ideal for a wide variety of lighting applications.
- Precision-wound aluminum coils, ensuring even heat dissipation and the highest electrical integrity
- Distributor replacement kit contains the appropriate core & coil with color coded leads, a properly rated capacitor and ignitor (if required) and all other components required for ballast replacement
- Quad ballast (120, 208, 240, 277)



**GENERAL CHARACTERISTICS**

|                               |   |
|-------------------------------|---|
| Application                   | 1- 50w HPS S68 Quad (120/208/240/277V)                        |
| Category                      | High Intensity Discharge                                      |
| Ballast Type                  | Magnetic - High Pressure Sodium Core and Coil Replacement kit |
| Type                          | N/A   |
| Dimming Type                  | Pulse start   |
| Starting Method               | Series  |
| Lamp Wiring                   | 10.0 %  |
| Line Voltage Regulation (+/-) | -40.0 °C  |
| Ambient Temperature (MIN)     | 105.0 °C(41 °C)   |
| Ambient Temperature (MAX)     | 1   |
| Ballast Factor                | HX-HPF  |
| Circuit Type                  | UL Class H 180  |
| Insulation Class              | Core and Coil   |
| Enclosure Type                | 5.0 µF  |
| Capacitance                   | 100.0 °C(212 °F)  |
| Capacitor Temperature Rating  | 10.0 ft   |
| Distance to Lamp (MAX)        |   |

**PRODUCT INFORMATION**

|                                  |                 |
|----------------------------------|-----------------|
| Product Code                     | 87152           |
| Description                      | GES50MLTLA3D-5  |
| Standard Package                 | Master          |
| Standard Package GTIN            |                 |
| Standard Package Quantity        | 6               |
| Sales Unit                       | Distributor Kit |
| No Of Items Per Sales Unit       | 1               |
| No Of Items Per Standard Package | 6               |
| UPC                              | 043168871525    |

**DIMENSIONS**

|                            |                   |
|----------------------------|-------------------|
| <b>Case dimensions</b>     |                   |
| Length (L)                 | 4.0 in(101.60 mm) |
| Width (W)                  | 2.8 in(71.45 mm)  |
| Height (H)                 | NaN in(NaN mm)    |
| <b>Mounting dimensions</b> |                   |
| Bracket Length (BL)        | 5.5 in(139.70 mm) |
| Mount Length (M)           | 3.5 in(88.90 mm)  |
| Mount Width (X or F)       | 2.4 in(61.93 mm)  |
| Mount Slots (MS)           | 0.2 in(4.95 mm)   |
| Weight                     | 3.5 lb            |
| Exit Type                  | Side              |
| Diameter                   | 1.2 in            |
| Nominal Length             | 2.75 in           |
| Frame size (H x L)         | 2.82 x 3.939 in   |

**ELECTRICAL CHARACTERISTICS**

|                          |         |
|--------------------------|---------|
| Lamp Operating Frequency | 60.0 Hz |
| Supply Current Frequency | 60.0 Hz |
| Voltage (MIN)            | 280.0   |

**SAFETY & PERFORMANCE**

- UL Listed
- cUL Listed

**SPECIFICATIONS BY LAMP & LINE VOLTAGE**

| Lamp # of Lamps by Line Voltage | Specifications | System Wattage | Nominal Current | Ballast Factor | Ballast Efficiency | Max.Input Current | Starting Current | Open Circuit Voltage | Drop Out Voltage | Power factor | Min.starting temperature | Fuse rating | UL bench top rise |
|---------------------------------|----------------|----------------|-----------------|----------------|--------------------|-------------------|------------------|----------------------|------------------|--------------|--------------------------|-------------|-------------------|
| S68 1 120                       |                | 68.0           | 0.6 AA          | 1.0            | 0.735              | NaNA              | NaNA             | NaNV                 | NaNV             | 0.9          | -40.0 °F°F               | 5.0         | B                 |
| S68 1 208                       |                | 69.0           | 0.4 AA          | 1.0            | 0.725              | NaNA              | NaNA             | NaNV                 | NaNV             | 0.9          | -40.0 °F°F               | 3.0         | B                 |
| S68 1 240                       |                | 69.0           | 0.3 AA          | 1.0            | 0.725              | NaNA              | NaNA             | NaNV                 | NaNV             | 0.9          | -40.0 °F°F               | 3.0         | B                 |
| S68 1 277                       |                | 69.0           | 0.3 AA          | 1.0            | 0.725              | NaNA              | NaNA             | NaNV                 | NaNV             | 0.9          | -40.0 °F°F               | 2.0         | B                 |

**CAUTIONS & WARNINGS**

- Warning**
- Risk of Electric Shock
    - Properly ground ballast and fixture.
    - Turn power off before servicing--see instructions.

For additional information, visit [www.gelighting.com](http://www.gelighting.com)

**ACCESSORIES**

|                    |                |
|--------------------|----------------|
| Ignitors           |                |
| Product Code       | 86635          |
| Description        | HPS150-3A      |
| Dry Film Capacitor |                |
| Product Code       | 75429          |
| Description        | GECAP-5/300V-D |

**NOTES**

- Kit contains the appropriate core & coil with color coded leads, a properly rated capacitor and ignitor (if required) and all other components required for ballast replacement

**WARRANTY INFORMATION**

GE Lighting warrants to the purchaser that each ballast will be free from defects in material or workmanship for period as defined in the attached documents from the date of manufacture when properly installed and under normal conditions of use.