

# USHIO

## HIGH PRESSURE SODIUM

### LU SERIES



### HIGH PRESSURE SODIUM SINGLE & DOUBLE ENDED FOR GENERAL LIGHTING

USHIO's LU series High Pressure Sodium lamps are highly efficient and produce a warm color. They are excellent for lighting large areas and are often used in street lighting, industrial high-bay, parks, and other commercial lighting uses where color rendering is not considered critical.

Wattages range from 35 up to 400, and are available in single ended, E26 medium and E39 mogul base.

## FEATURES & BENEFITS

- High efficacy 3 to 5 times more efficient than incandescent
- Clear bulb finish
- Lamps are manufactured to standard ANSI specifications
- Long Life

## APPLICATIONS

- Commercial and Industrial
- Flood Lighting
- Industrial High-Bay
- Downlighting
- Parking Lots and Garages
- Security

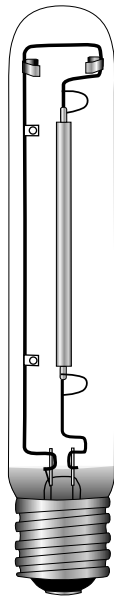
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Form No. S-LU/R-0207: The specifications on this sheet supercede all previously published specifications and may be subject to change for design and specification improvement without prior notice.

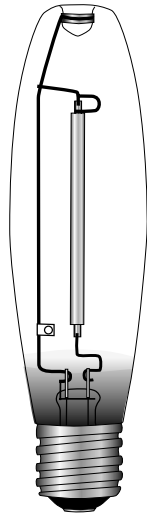
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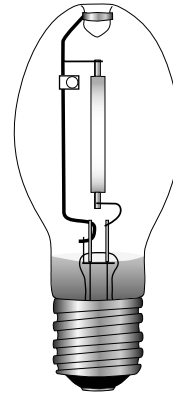
## CHARACTERISTICS & SPECIFICATIONS



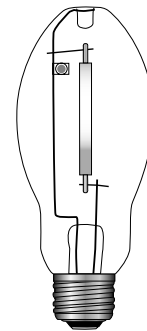
**T15**  
E39 Mogul Base



**ED18**  
E39 Mogul Base



**ED23 1/2 • ED28**  
E39 Mogul Base



**ED17**  
E26 Medium Base

| Watts (W)                             | Ushio Ordering Code | Ushio Lamp Code     | Ballast   | Dimension     |               | Color Temp (K) | Initial Lumens (lm) | Avg Life (h) |
|---------------------------------------|---------------------|---------------------|-----------|---------------|---------------|----------------|---------------------|--------------|
|                                       |                     |                     |           | OAL (in / mm) | LCL (in / mm) |                |                     |              |
| <b>SINGLE ENDED – E26 MEDIUM BASE</b> |                     |                     |           |               |               |                |                     |              |
| 35                                    | 5000050**           | LU-35/MED, ED17     | S76HA-35  | 5 7/16 138    | 3 5/16 84     | 2000           | 2250                | 24000        |
| 50                                    | 5000056             | LU-50/MED, ED17     | S68LP-50  | 5 7/16 138    | 3 5/16 84     | 2000           | 4000                | 24000        |
| 70                                    | 5000060             | LU-70/MED, ED17     | S62LG-70  | 5 7/16 138    | 3 5/16 84     | 2000           | 6400                | 24000        |
| 100                                   | 5000040             | LU-100/MED, ED17    | S54SG-100 | 5 7/16 138    | 3 5/16 84     | 2000           | 9500                | 24000        |
| 150                                   | 5000045             | LU-150/MED, ED17    | S55RN-150 | 5 7/16 138    | 3 5/16 84     | 2000           | 16000               | 24000        |
| <b>SINGLE ENDED – E39 MOGUL BASE</b>  |                     |                     |           |               |               |                |                     |              |
| 50                                    | 5000053**           | LU-50, ED23 1/2     | S68MS-50  | 7 5/16 186    | 5 127         | 2000           | 4000                | 24000        |
| 70                                    | 5000057             | LU-70, ED23 1/2     | S62ME-70  | 7 5/16 186    | 5 127         | 2000           | 6300                | 24000        |
| 100                                   | 5000037             | LU-100, ED23 1/2    | S54SB-100 | 7 5/16 186    | 5 127         | 2000           | 9500                | 24000        |
| 150                                   | 5000042             | LU-150/55, ED23 1/2 | S55SC-150 | 7 5/16 186    | 5 127         | 2000           | 16000               | 24000        |
| 150                                   | 5000967**           | LU-150/100, ED28    | S56SD-150 | 8 5/16 211    | 5 127         | 2000           | 15000               | 24000        |
| 200                                   | 5000046             | LU-200, ED18        | S66MN-200 | 9 3/4 248     | 5 3/4 146     | 2000           | 22000               | 24000        |
| 250                                   | 5000047**           | LU-250, T15         | S50VA-250 | 10 3/4 260    | 6 1/4 158     | 2000           | 28500               | 24000        |
| 250                                   | 5001138             | LU-250, ED18        | S50VA-250 | 9 3/4 248     | 5 3/4 146     | 2000           | 28500               | 24000        |
| 250                                   | 5001126             | LU-250, ED28        | S50VA-250 | 8 5/16 211    | 5 127         | 2000           | 28500               | 24000        |
| 400                                   | 5000051             | LU-400, ED18        | S51WA-400 | 9 3/4 248     | 5 3/4 146     | 2000           | 48000               | 24000        |
| 400                                   | 5001127**           | LU-400, T15         | S51WA-400 | 11 1/2 292    | 6 7/8 175     | 2000           | 48000               | 24000        |

\*Burn Position: Horizontal ±40°

\*\*Special order item only