

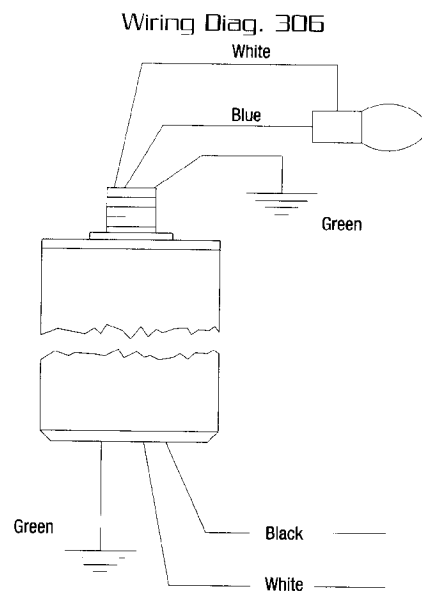
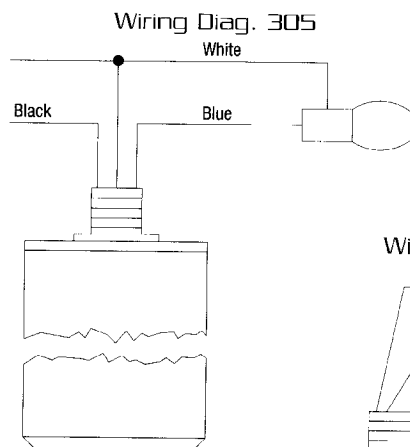
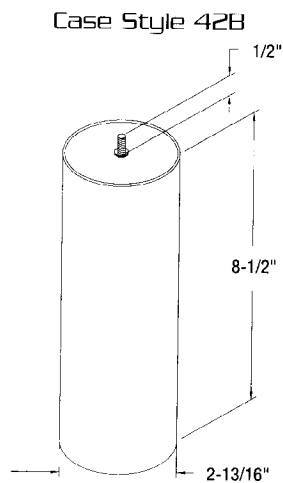
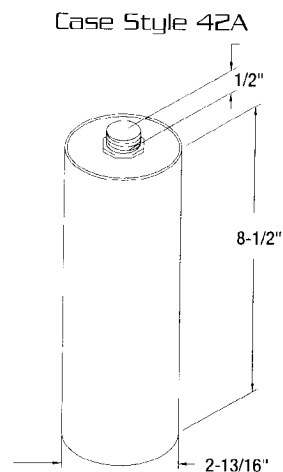
# HIGH INTENSITY DISCHARGE

## HIGH PRESSURE SODIUM

[POSTLINE]

| Lamp Watts | INPUT              |              |               |    |                      |                   | ELECTRICAL    |                   |                  |                          |                       |
|------------|--------------------|--------------|---------------|----|----------------------|-------------------|---------------|-------------------|------------------|--------------------------|-----------------------|
|            | A.N.S.I. Lamp Type | Circuit Type | Input Voltage | Hz | Max.* Current (Amps) | Total Input Watts | Model Number  | Min. Start Temp.* | Insulation Class | Nominal Open Circ. Volt. | UL Benchtop Rise Code |
| 35         | S76                | R-NPF        | 120V          | 60 | 1.1                  | 43                | BLU35A112L    | -40°C             | H                | 120V                     | A                     |
|            | S76                | R-HPF        | 120V          | 60 | 0.6                  | 43                | BLU35A113H    | -40°C             | H                | 120V                     | A                     |
|            | S76                | R-NPF        | 120V          | 60 | 1.1                  | 43                | BLU35A114L    | -40°C             | H                | 120V                     | A                     |
| 50         | S68                | R-NPF        | 120V          | 60 | 1.5                  | 60                | BLU50A112L    | -40°C             | H                | 120V                     | A                     |
|            | S68                | R-NPF        | 120V          | 60 | 1.5                  | 60                | BLU50A112LPC  | -40°C             | H                | 120V                     | A                     |
|            | S68                | R-NPF        | 120V          | 60 | 1.5                  | 60                | BLU50A114L    | -40°C             | H                | 120V                     | A                     |
|            | S68                | R-HPF        | 120V          | 60 | 0.9                  | 60                | BLU50A115H    | -40°C             | H                | 120V                     | A                     |
|            | S68                | R-NPF        | 120V          | 60 | 1.5                  | 60                | BLU50A116LPC  | -40°C             | H                | 120V                     | A                     |
|            | S68                | R-HPF        | 120V          | 60 | 0.9                  | 60                | BLU50A117HPC  | -40°C             | H                | 120V                     | A                     |
|            | S62                | R-NPF        | 120V          | 60 | 2.1                  | 82                | BLU70A112L    | -40°C             | H                | 120V                     | A                     |
| 70         | S62                | R-NPF        | 120V          | 60 | 2.1                  | 82                | BLU70A112LPC  | -40°C             | H                | 120V                     | A                     |
|            | S62                | R-HPF        | 120V          | 60 | 1.35                 | 82                | BLU70A113H    | -40°C             | H                | 120V                     | A                     |
|            | S62                | R-NPF        | 120V          | 60 | 2.1                  | 82                | BLU70A114L    | -40°C             | H                | 120V                     | A                     |
|            | S62                | R-NPF        | 120V          | 60 | 2.1                  | 82                | BLU70A116LPC  | -40°C             | H                | 120V                     | A                     |
|            | S62                | R-NPF        | 120V          | 60 | 2.1                  | 82                | BLU70A116LPC  | -40°C             | H                | 120V                     | A                     |
| 100        | S54                | R-NPF        | 120V          | 60 | 3.1                  | 114               | BLU100A112L   | -40°C             | H                | 120V                     | A                     |
|            | S54                | R-HPF        | 120V          | 60 | 1.8                  | 114               | BLU100A113H   | -40°C             | H                | 120V                     | A                     |
|            | S54                | R-NPF        | 120V          | 60 | 3.1                  | 114               | BLU100A114L   | -40°C             | H                | 120V                     | A                     |
|            | S54                | R-HPF        | 120V          | 60 | 1.8                  | 114               | BLU100A115H   | -40°C             | H                | 120V                     | A                     |
|            | S54                | R-NPF        | 120V          | 60 | 3.1                  | 114               | BLU100A116L   | -40°C             | H                | 120V                     | A                     |
|            | S54                | R-NPF        | 120V          | 60 | 3.1                  | 114               | BLU100A116LPC | -40°C             | H                | 120V                     | A                     |

HID



## M E C H A N I C A L

| Model Number  | Case Style | Brackets | Wiring Diagram | Ballast Weight | Approvals                                                                             | Power Factor | Lead Config. | Mounting Config. | Capacitor | Ignitor  |
|---------------|------------|----------|----------------|----------------|---------------------------------------------------------------------------------------|--------------|--------------|------------------|-----------|----------|
| BLU35A112L    | 42A        | \        | 305            | 2.2 lbs.       | FU   | Low          | Top Only     | 1/2"-14NPS       | \         | Included |
| BLU35A113H    | 42A        | \        | 305            | 2.5 lbs.       | FU   | High         | Top Only     | 1/2"-14NPS       | Included  | Included |
| BLU35A114L    | 42B        | \        | 307            | 2.2 lbs.       | FU   | Low          | Top & Bottom | (10-32) Stud     | \         | Included |
| BLU50A112L    | 42A        | \        | 305            | 2.3 lbs.       | FU   | Low          | Top Only     | 1/2"-14NPS       | \         | Included |
| BLU50A112LPC  | 42A        | \        | 311            | 2.3 lbs.       | FU   | Low          | Top Only     | 1/2"-14NPS       | \         | Included |
| BLU50A114L    | 42B        | \        | 307            | 2.3 lbs.       | FU   | Low          | Top & Bottom | (10-32) Stud     | \         | Included |
| BLU50A115H    | 42B        | \        | 307            | 2.7 lbs.       | FU   | High         | Top & Bottom | (10-32) Stud     | Included  | Included |
| BLU50A116LPC  | 42A        | \        | 312            | 2.3 lbs.       | FU   | Low          | Top & Bottom | 1/2"-14NPS       | \         | Included |
| BLU50A117HPC  | 42A        | \        | 312            | 2.7 lbs.       | FU   | High         | Top & Bottom | 1/2"-14NPS       | Included  | Included |
| BLU70A112L    | 42A        | \        | 305            | 3 lbs.         | FU   | Low          | Top Only     | 1/2"-14NPS       | \         | Included |
| BLU70A112LPC  | 42A        | \        | 311            | 3 lbs.         | FU   | Low          | Top Only     | 1/2"-14NPS       | \         | Included |
| BLU70A113H    | 42A        | \        | 305            | 3.4 lbs.       | FU   | High         | Top Only     | 1/2"-14NPS       | Included  | Included |
| BLU70A114L    | 42B        | \        | 307            | 3 lbs.         | FU   | Low          | Top & Bottom | (10-32) Stud     | \         | Included |
| BLU70A116LPC  | 42A        | \        | 312            | 3 lbs.         | FU   | Low          | Top & Bottom | 1/2"-14NPS       | \         | Included |
| BLU100A112L   | 42A        | \        | 305            | 3 lbs.         | FU   | Low          | Top Only     | 1/2"-14NPS       | \         | Included |
| BLU100A113H   | 42A        | \        | 305            | 3.5 lbs.       | FU   | High         | Top Only     | 1/2"-14NPS       | Included  | Included |
| BLU100A114L   | 42B        | \        | 307            | 3 lbs.         | FU   | Low          | Top & Bottom | (10-32) Stud     | \         | Included |
| BLU100A115H   | 42B        | \        | 307            | 3.5 lbs.       | FU   | High         | Top & Bottom | (10-32) Stud     | Included  | Included |
| BLU100A116L   | 42A        | \        | 306            | 3 lbs.         | FU  | Low          | Top & Bottom | 1/2"-14NPS       | \         | Included |
| BLU100A116LPC | 42A        | \        | 312            | 3 lbs.         | FU  | Low          | Top & Bottom | 1/2"-14NPS       | \         | Included |

[Notes]: \* For HPF R and HX circuits, max current is the highest of starting, operating or open circuit current. For CWA circuits, max current is operating current.  
 ♦ -40°C = -40°F

