

ELECTRICAL DATA

HIGH PRESSURE SODIUM

| Watts | Ballast Type | Input Volts | Input Watts | Starting Current (Amps) | Operating Current (Amps) |
|-------|---------------|-------------|-------------|-------------------------|--------------------------|
| 35 | NPF (Reactor) | 120V | 46W | 1.35 | .83 |
| 35 | HPF (Reactor) | 120V | 46W | .78 | .38 |
| 50 | NPF (Reactor) | 120V | 62W | 1.80 | 1.08 |
| 50 | HPF (Reactor) | 120V | 62W | .95 | .55 |
| 50 | HX-HPF | 120V | 64W | .58 | .58 |
| 50 | HX-HPF | 208V | 64W | .35 | .33 |
| 50 | HX-HPF | 240V | 64W | .30 | .29 |
| 50 | HX-HPF | 277V | 64W | .24 | .25 |
| 70 | NPF (Reactor) | 120V | 82W | 2.25 | 1.60 |
| 70 | HPF (Reactor) | 120V | 82W | .85 | .75 |
| 70 | HX-HPF | 120V | 88W | .75 | .81 |
| 70 | HX-HPF | 208V | 88W | .45 | .47 |
| 70 | HX-HPF | 240V | 88W | .37 | .40 |
| 70 | HX-HPF | 277V | 88W | .35 | .35 |
| 100 | NPF (Reactor) | 120V | 115W | 3.05 | 2.10 |
| 100 | HPF (Reactor) | 120V | 115W | 1.50 | 1.05 |
| 100 | HX-HPF | 120V | 130W | 1.30 | 1.15 |
| 100 | HX-HPF | 208V | 130W | .76 | .67 |
| 100 | HX-HPF | 240V | 130W | .66 | .58 |
| 100 | HX-HPF | 277V | 130W | .60 | .50 |
| 100 | HX-HPF | 480V | 130W | .33 | .29 |
| 150 | NPF (Reactor) | 120V | 170W | 4.50 | 3.20 |
| 150 | HPF (Reactor) | 120V | 170W | 2.20 | 1.50 |
| 150 | HX-HPF | 120V | 188W | 2.00 | 1.65 |
| 150 | HX-HPF | 208V | 188W | 1.15 | .95 |
| 150 | HX-HPF | 240V | 188W | 1.00 | .83 |
| 150 | HX-HPF | 277V | 188W | .85 | .72 |
| 150 | HX-HPF | 480V | 188W | .50 | .42 |
| 150 | CWA | 120V | 188W | .50 | 1.75 |
| 150 | CWA | 208V | 188W | .25 | 1.00 |
| 150 | CWA | 240V | 188W | .20 | .88 |
| 150 | CWA | 277V | 188W | .15 | .75 |
| 150 | CWA | 480V | 188W | .10 | .44 |
| 250 | CWA | 120V | 300W | 1.80 | 2.75 |
| 250 | CWA | 208V | 300W | 1.00 | 1.60 |
| 250 | CWA | 240V | 300W | .90 | 1.38 |
| 250 | CWA | 277V | 300W | .78 | 1.20 |
| 250 | CWA | 480V | 300W | .38 | .69 |
| 400 | CWA | 120V | 457W | 2.70 | 3.80 |
| 400 | CWA | 208V | 457W | 1.70 | 2.20 |
| 400 | CWA | 240V | 457W | 1.40 | 1.90 |
| 400 | CWA | 277V | 457W | 1.30 | 1.70 |
| 400 | CWA | 480V | 457W | .70 | 1.00 |
| 750 | CWA | 120V | 835W | — | 7.20 |
| 750 | CWA | 208V | 835W | — | 4.20 |
| 750 | CWA | 240V | 835W | — | 3.60 |
| 750 | CWA | 277V | 835W | — | 3.10 |
| 750 | CWA | 480V | 835W | — | 1.80 |
| 1000 | CWA | 120V | 1100W | 6.35 | 9.50 |
| 1000 | CWA | 208V | 1100W | 3.80 | 5.50 |
| 1000 | CWA | 240V | 1100W | 3.20 | 4.75 |
| 1000 | CWA | 277V | 1100W | 2.26 | 4.15 |
| 1000 | CWA | 480V | 1100W | 2.20 | 2.30 |

METAL HALIDE

| | | | | | |
|-----|---------------|------|------|------|------|
| 50 | NPF (Reactor) | 120V | 69W | 1.80 | 1.55 |
| 50 | HX-HPF | 120V | 69W | .75 | .65 |
| 50 | HX-HPF | 277V | 67W | .39 | .25 |
| 70 | HX-HPF | 120V | 89W | .53 | .85 |
| 70 | HX-HPF | 277V | 89W | .27 | .37 |
| 100 | HX-HPF | 120V | 129W | 1.15 | 2.6 |
| 100 | HX-HPF | 277V | 129W | .50 | 1.15 |
| 150 | CWA | 120V | 195W | — | 1.54 |
| 150 | CWA | 208V | 195W | — | .89 |
| 150 | CWA | 240V | 195W | — | .77 |
| 150 | CWA | 277V | 195W | — | .67 |
| 150 | CWA | 480V | 195W | — | .39 |
| 175 | CWA | 120V | 210W | .90 | 1.80 |
| 175 | CWA | 208V | 210W | .52 | 1.04 |
| 175 | CWA | 240V | 210W | .45 | .90 |
| 175 | CWA | 277V | 210W | .39 | .78 |
| 175 | CWA | 480V | 210W | .22 | .45 |
| 250 | CWA | 120V | 294W | 1.40 | 2.60 |
| 250 | CWA | 208V | 294W | .81 | 1.50 |
| 250 | CWA | 240V | 294W | .70 | 1.30 |
| 250 | CWA | 277V | 294W | .60 | 1.12 |
| 250 | CWA | 480V | 294W | .35 | .65 |
| 400 | CWA | 120V | 455W | 1.50 | 4.00 |
| 400 | CWA | 208V | 455W | .87 | 2.30 |
| 400 | CWA | 240V | 455W | .75 | 2.00 |
| 400 | CWA | 277V | 455W | .65 | 1.75 |
| 400 | CWA | 480V | 455W | .38 | 1.00 |

METAL HALIDE (CONT.)

| Watts | Ballast Type | Input Volts | Input Watts | Starting Current (Amps) | Operating Current (Amps) |
|-------|--------------|-------------|-------------|-------------------------|--------------------------|
| 1000 | CWA | 120V | 1080W | 8.00 | 9.00 |
| 1000 | CWA | 208V | 1080W | 4.60 | 5.20 |
| 1000 | CWA | 240V | 1080W | 4.00 | 4.50 |
| 1000 | CWA | 277V | 1080W | 3.50 | 3.90 |
| 1000 | CWA | 480V | 1080W | 2.00 | 2.25 |
| 1500 | CWA | 120V | 1605W | 13.50 | 13.50 |
| 1500 | CWA | 208V | 1605W | 7.70 | 7.80 |
| 1500 | CWA | 240V | 1605W | 6.70 | 6.80 |
| 1500 | CWA | 277V | 1605W | 5.90 | 5.90 |
| 1500 | CWA | 480V | 1605W | 3.30 | 3.40 |

METAL HALIDE (PULSE START)

| | | | | |
|-----|-----|------|------|------|
| 50 | HX | 120v | 65W | 1.3 |
| 50 | HX | 208v | 65W | .75 |
| 50 | HX | 240v | 65W | .65 |
| 50 | HX | 277v | 65W | .56 |
| 70 | HX | 120v | 90W | 1.7 |
| 70 | HX | 208v | 90W | .95 |
| 70 | HX | 240v | 90W | .85 |
| 70 | HX | 277v | 90W | .70 |
| 100 | HX | 120v | 127W | 2.6 |
| 100 | HX | 208v | 127W | 1.5 |
| 100 | HX | 240v | 127W | 1.3 |
| 100 | HX | 277v | 127W | 1.15 |
| 150 | CWA | 120v | 190W | 1.7 |
| 150 | CWA | 208v | 190W | 1.0 |
| 150 | CWA | 240v | 190W | .85 |
| 150 | CWA | 277v | 190W | .75 |
| 150 | CWA | 480v | 190W | .40 |
| 175 | CWA | 120v | 208W | 1.9 |
| 175 | CWA | 208v | 208W | 1.05 |
| 175 | CWA | 240v | 208W | .95 |
| 175 | CWA | 277v | 208W | .80 |
| 175 | CWA | 480v | 208W | .50 |
| 200 | CWA | 120v | 232W | 2.0 |
| 200 | CWA | 208v | 232W | 1.15 |
| 200 | CWA | 240v | 232W | 1.0 |
| 200 | CWA | 277v | 232W | .85 |
| 200 | CWA | 488v | 232W | .50 |
| 250 | CWA | 120v | 288W | 2.5 |
| 250 | CWA | 208v | 288W | 1.45 |
| 250 | CWA | 240v | 288W | 1.25 |
| 250 | CWA | 277v | 288W | 1.10 |
| 250 | CWA | 480v | 288W | .60 |
| 320 | CWA | 120v | 365W | 3.2 |
| 320 | CWA | 208v | 365W | 1.8 |
| 320 | CWA | 240v | 365W | 1.6 |
| 320 | CWA | 277v | 365W | 1.4 |
| 320 | CWA | 480v | 370W | .80 |
| 350 | CWA | 120v | 400W | 3.6 |
| 350 | CWA | 208v | 400W | 2.1 |
| 350 | CWA | 240v | 400W | 1.8 |
| 350 | CWA | 277v | 400W | 1.55 |
| 350 | CWA | 480v | 400W | .90 |
| 400 | CWA | 120v | 448W | 4.0 |
| 400 | CWA | 208v | 448W | 2.2 |
| 400 | CWA | 240v | 448W | 2.0 |
| 400 | CWA | 277v | 448W | 1.7 |
| 400 | CWA | 480v | 452W | 1.0 |
| 450 | CWA | 120v | 505W | 4.5 |
| 450 | CWA | 208v | 505W | 2.6 |
| 450 | CWA | 240v | 505W | 2.25 |
| 450 | CWA | 277v | 505W | 2.0 |
| 450 | CWA | 480v | 505W | 1.1 |

MERCURY

| | | | | | |
|-----|--------|------|------|------|------|
| 100 | HX-HPF | 120V | 125W | 3.60 | 2.10 |
| 175 | CWA | 120V | 200W | 1.65 | 1.75 |
| 175 | CWA | 208V | 200W | .95 | 1.00 |
| 175 | CWA | 240V | 200W | .83 | .87 |
| 175 | CWA | 277V | 200W | .72 | .76 |
| 175 | CWA | 480V | 200W | .41 | .44 |

COMPACT FLUORESCENT

| | | | | | |
|----|------------|-----|-----|-----|-----|
| 13 | NPF | | 17W | .50 | .30 |
| 18 | NPF | | 26W | .61 | .50 |
| 28 | NPF | | 32W | .60 | — |
| 13 | HPF | | 17W | .28 | .15 |
| 18 | HPF | | 22W | .19 | .17 |
| 28 | HPF | | 33W | .60 | .30 |
| 32 | ELECTRONIC | 120 | 33 | .33 | .28 |
| 32 | ELECTRONIC | 277 | 33 | .14 | .12 |
| 42 | ELECTRONIC | 120 | 44 | .44 | .37 |
| 42 | ELECTRONIC | 277 | 44 | .19 | .16 |

KEY: BALLAST TYPE

NPF (Reactor) Normal Power Factor; HPF (Reactor) High Power Factor; HX-HPF High Power Factor; CWA Constant Wattage High Power Factor.