

Massachusetts Device Codes and Rated Lighting System Wattage Table

for Massachusetts Customers

2011 Retrofit Program

January 01, 2011



Device Codes and Rated Lighting System Wattage Table

| | | | | | |
|-------|---------------------------|------|---------------------------------|-----|--------------------------|
| BX | Biax /Twin Tube Lamp | EE | Energy-Efficient Lamp | STD | Standard Ballast or Lamp |
| HW | Hard Wire Fixture | ELIG | Electronic Ballast | HO | High Output Lamp |
| EEMAG | Energy-Efficient Magnetic | LPF | Low Power Ballast Factor < 0.80 | VHO | Very High Output Lamp |
| | | HPF | High Power Ballast Factor > 1.0 | | |

Existing Lighting Systems

| <u>Device Code</u> | <u>Device Description</u> | <u>Rated Watts</u> | <u>Device Code</u> | <u>Device Description</u> | <u>Rated Watts</u> |
|--|---------------------------|--------------------|----------------------------------|---------------------------|--------------------|
| Incandescent Lamps | | | Halogen/Quartz Lamps | | |
| 1I0015 | 15W INC | 15 | 1T0035 | 35W HALOGEN LAMP | 35 |
| 1I0020 | 20W INC | 20 | 1T0040 | 40W HALOGEN LAMP | 40 |
| 1I0025 | 25W INC | 25 | 1T0042 | 42W HALOGEN LAMP | 42 |
| 1I0034 | 34W INC | 34 | 1T0045 | 45W HALOGEN LAMP | 45 |
| 1I0036 | 36W INC | 36 | 1T0047 | 47W HALOGEN LAMP | 47 |
| 1I0040 | 40W INC | 40 | 1T0050 | 50W HALOGEN LAMP | 50 |
| 1I0042 | 42W INC | 42 | 1T0052 | 52W HALOGEN LAMP | 52 |
| 1I0045 | 45W INC | 45 | 1T0055 | 55W HALOGEN LAMP | 55 |
| 1I0050 | 50W INC | 50 | 1T0060 | 60W HALOGEN LAMP | 60 |
| 1I0052 | 52W INC | 52 | 1T0072 | 72W HALOGEN LAMP | 72 |
| 1I0054 | 54W INC | 54 | 1T0075 | 75W HALOGEN LAMP | 75 |
| 1I0055 | 55W INC | 55 | 1T0090 | 90W HALOGEN LAMP | 90 |
| 1I0060 | 60W INC | 60 | 1T0100 | 100W HALOGEN LAMP | 100 |
| 1I0065 | 65W INC | 65 | 1T0150 | 150W HALOGEN LAMP | 150 |
| 1I0067 | 67W INC | 67 | 1T0200 | 200W HALOGEN LAMP | 200 |
| 1I0069 | 69W INC | 69 | 1T0250 | 250W HALOGEN LAMP | 250 |
| 1I0072 | 72W INC | 72 | 1T0300 | 300W HALOGEN LAMP | 300 |
| 1I0075 | 75W INC | 75 | 1T0350 | 350W HALOGEN LAMP | 350 |
| 1I0080 | 80W INC | 80 | 1T0400 | 400W HALOGEN LAMP | 400 |
| 1I0085 | 85W INC | 85 | 1T0425 | 425W HALOGEN LAMP | 425 |
| 1I0090 | 90W INC | 90 | 1T0500 | 500W HALOGEN LAMP | 500 |
| 1I0093 | 93W INC | 93 | 1T0750 | 750W HALOGEN LAMP | 750 |
| 1I0100 | 100W INC | 100 | 1T0900 | 900W HALOGEN LAMP | 900 |
| 1I0120 | 120W INC | 120 | 1T1000 | 1000W HALOGEN LAMP | 1000 |
| 1I0125 | 125W INC | 125 | 1T1200 | 1200W HALOGEN LAMP | 1200 |
| 1I0135 | 135W INC | 135 | 1T1500 | 1500W HALOGEN LAMP | 1500 |
| 1I0150 | 150W INC | 150 | | | |
| 1I0200 | 200W INC | 200 | Mercury Vapor (MV) | | |
| 1I0300 | 300W INC | 300 | 1V0040S | 40W MERCURY | 50 |
| 1I0448 | 448W INC | 448 | 1V0050S | 50W MERCURY | 75 |
| 1I0500 | 500W INC | 500 | 1V0075S | 75W MERCURY | 95 |
| 1I0750 | 750W INC | 750 | 1V0100S | 100W MERCURY | 120 |
| 1I1000 | 1000W INC | 1000 | 1V0175S | 175W MERCURY | 205 |
| 1I1500 | 1500W INC | 1500 | 1V0250S | 250W MERCURY | 290 |
| | | | 1V0400S | 400W MERCURY | 455 |
| | | | 1V0700S | 700W MERCURY | 775 |
| | | | 1V1000S | 1000W MERCURY | 1075 |
| | | | 2V0400S | 2/400W MERCURY | 880 |
| Low Voltage Halogen Fixture (includes Transformer) | | | Low Pressure Sodium (LPS) | | |
| 1R0020 | 20W LV HALOGEN FIXT | 30 | 1L0035S | 35W LPS | 60 |
| 1R0025 | 25W LV HALOGEN FIXT | 35 | 1L0055S | 55W LPS | 85 |
| 1R0035 | 35W LV HALOGEN FIXT | 45 | 1L0090S | 90W LPS | 130 |
| 1R0042 | 42W LV HALOGEN FIXT | 52 | 1L0135S | 135W LPS | 180 |
| 1R0050 | 50W LV HALOGEN FIXT | 60 | 1L0180S | 180W LPS | 230 |
| 1R0065 | 65W LV HALOGEN FIXT | 75 | | | |
| 1R0075 | 75W LV HALOGEN FIXT | 85 | | | |

| <u>Device Code</u> | <u>Device Description</u> | <u>Rated Watts</u> | <u>Device Code</u> | <u>Device Description</u> | <u>Rated Watts</u> |
|--|---------------------------|--------------------|------------------------------------|----------------------------|--------------------|
| High Pressure Sodium (HPS) | | | Two Foot T8 / T12 Systems | | |
| 1H0035S | 35W HPS | 45 | 1F20SSS | F20T12/HPF(1) | 32 |
| 1H0050S | 50W HPS | 65 | 1F80BXE | 1L2' F80BXE/ELIG | 90 |
| 1H0070S | 70W HPS | 90 | 1F55BXE | 1L2' F55BX/ELIG | 56 |
| 1H0100S | 100W HPS | 130 | 2F17SSE | 2L2' 17W T8/ELIG | 37 |
| 1H0150S | 150W HPS | 190 | 2F17SSL | 2L2' 17W T8/ELIG LOW POWER | 27 |
| 1H0200S | 200W HPS | 240 | 2F17SSM | 2L2' 17W T8/EEMAG | 45 |
| 1H0225S | 225W HPS | 275 | 2F20SSS | F20T12/HPF(2) | 56 |
| 1H0250S | 250W HPS | 295 | 2F24HSS | 2L2' 24 T12HO/STD/STD | 85 |
| 1H0310S | 310W HPS | 350 | 2F40BXE | 2L2' F40BX/ELIG | 72 |
| 1H0360S | 360W HPS | 435 | 2F50BXE | 2L2' F50BX/ELIG | 108 |
| 1H0400S | 400W HPS | 460 | 2F55BXE | 2L2'55BXE/ELIG | 112 |
| 1H0600S | 600W HPS | 675 | 3F17SSE | 3L2' 17W T8/ELIG | 53 |
| 1H0750S | 750W HPS | 835 | 3F17SSL | 3L2' 17W T8/ELIG LOW POWER | 39 |
| 1H1000S | 1000W HPS | 1085 | 3F20SSS | F20T12/HPF(3) | 78 |
| Metal Halide (MH) | | | 3F40BXE | 3L2' F40BX/ELIG | 102 |
| 1M0032S | 32W METAL HALIDE | 40 | 3F50BXE | 3L2' F50BX/ELIG | 162 |
| 1M0050S | 50W METAL HALIDE | 65 | 3F55BXE | 3L2' F55BX/ELIG | 168 |
| 1M0070S | 70W METAL HALIDE | 95 | 4F17SSE | 4L2' 17W T8/ELIG | 62 |
| 1M0100S | 100W METAL HALIDE | 120 | 4F36BXE | 4L2' F36BX/ELIG | 148 |
| 1M0150S | 150W METAL HALIDE | 190 | 4F40BXE | 4L2' F40BX/ELIG | 144 |
| 1M0175S | 175W METAL HALIDE | 205 | 4F40BXH | 4L 40W T5 (Std.) HIGH LMN | 170 |
| 1M0250S | 250W METAL HALIDE | 295 | 4F50BXE | 4L2' F50BX/ELIG | 216 |
| 1M0360S | 360W METAL HALIDE | 430 | 4F55BXE | 4L2' F55BX/ELIG | 224 |
| 1M0400S | 400W METAL HALIDE | 455 | 5F40BXE | 5L2' F40BX/ELIG | 190 |
| 1M0750S | 750W METAL HALIDE | 825 | 5F50BXE | 5L2' F50BX/ELIG | 270 |
| 1M1000S | 1000W METAL HALIDE | 1075 | 5F55BXE | 5L2' F55BX/ELIG | 280 |
| 1M1500S | 1500W METAL HALIDE | 1615 | 6F36BXE | 6L2' F36BX/ELIG | 212 |
| 1M1800S | 1800W METAL HALIDE | 1875 | 6F40BXE | 6L2' F40BX/ELIG | 204 |
| Pulse Start Metal Halide Lamp/Ballast | | | 6F50BXE | 6L2' F50BX/ELIG | 324 |
| 1M0100P | 100W MH CWA | 128 | 6F55BXE | 6L2' F55BX/ELIG | 336 |
| 1M0100R | 100W MH LINEAR | 118 | 8F36BXE | 8L2' F36BX/ELIG | 296 |
| 1M0150P | 150W MH CWA | 190 | 8F40BXE | 8L2' F40BX/ELIG | 288 |
| 1M0150R | 150W MH LINEAR | 172 | 8F50BXE | 8L2' F50BX/ELIG | 432 |
| 1M0175P | 175W MH CWA | 208 | 8F55BXE | 8L2' F55BX/ELIG | 448 |
| 1M0175R | 175W MH LINEAR | 190 | 9F36BXE | 9L2' F36BX/ELIG | 318 |
| 1M0200P | 200W MH CWA | 232 | 9F40BXE | 9L2' F40BX/ELIG | 306 |
| 1M0200R | 200W MH LINEAR | 218 | 9F50BXE | 9L2' F50BX/ELIG | 486 |
| 1M0250P | 250W MH CWA | 288 | 9F55BXE | 9L2' F55BX/ELIG | 504 |
| 1M0250R | 250W MH LINEAR | 265 | 12F40BE | 12L2' F40BX/ELIG | 408 |
| 1M0300P | 300W MH CWA | 342 | 12F50BE | 12L2' F50BX/ELIG | 648 |
| 1M0300R | 300W MH LINEAR | 324 | 12F55BE | 12L2' F55BX/ELIG | 672 |
| 1M0320P | 320W MH CWA | 365 | Three Foot T8 / T12 Systems | | |
| 1M0320R | 320W MH LINEAR | 345 | 1F30SEM | 1L3' 30W T12 EE/EEMAG | 38 |
| 1M0350P | 350W MH CWA | 400 | 1F30SES | 1L3' 30W T12 EE/STD | 42 |
| 1M0350R | 350W MH LINEAR | 375 | 1F30SSS | 1L3' 30W T12 STD/STD | 46 |
| 1M0400P | 400W MH CWA | 455 | 1F25SSE | 1L3' 25W T8/ELIG | 24 |
| 1M0400R | 400W MH LINEAR | 430 | 2F30SEE | 2L3' 30W T12 EE/ELIG | 49 |
| 1M0450P | 450W MH CWA | 508 | 2F30SEM | 2L3' 30W T12 EE/EEMAG | 66 |
| 1M0450R | 450W MH LINEAR | 480 | 2F30SES | 2L3' 30W T12 EE/STD | 73 |
| 1M0750P | 750W MH CWA | 815 | 2F30SSS | 2L3' 30W T12 STD/STD | 80 |
| 1M0750R | 750W MH LINEAR | 805 | 2F25SSE | 2L3' 25W T8/ELIG | 47 |
| 1M1000P | 1000W MH CWA | 1080 | 2F25SSM | 2L3' 25W T8/EEMAG | 65 |
| | | | 3F30SSS | 3L3' 30W T12 STD/STD | 140 |

| <u>Device Code</u> | <u>Device Description</u> | <u>Rated Watts</u> | <u>Device Code</u> | <u>Device Description</u> | <u>Rated Watts</u> |
|---|---------------------------|--------------------|---|---------------------------|--------------------|
| Three Foot T8 / T12 Systems (cont) | | | Four Foot T12 Systems (cont) | | |
| 3F30SES | 3L3' 30W T12 EE/STD | 127 | 4F40SEM | 4L4' EE/EEMAG | 140 |
| 3F25SSE | 3L3' 25W T8/ELIG | 68 | 4F40SES | 4L4' EE/STD | 160 |
| 4F25SSE | 4L3' 25W T8/ELIG | 88 | 4F40SSE | 4L4' STD/ELIG | 144 |
| Four Foot F48 T12 Systems | | | 4F40SSM | 4L4' STD/EEMAG | 172 |
| 1F48SES | 1L4' F48T12EE/STD | 50 | 4F40SSS | 4L4' STD/STD | 188 |
| 1F48SSS | 1L4' F48T12/STD | 60 | 6F40SSS | 6L4' STD/STD | 282 |
| 2F48SES | 2L4' F48T12EE/STD | 82 | Four Foot T8 Systems | | |
| 2F48SSS | 2L4' F48T12/STD | 102 | 1F32SSE | 1L4' T8/ELIG | 30 |
| 3F48SES | 3L4' F48T12EE/STD | 132 | 1F32SSL | 1L4 T8/ELIG LOW POWER | 26 |
| 3F48SSS | 3L4' F48T12/STD | 162 | 1F32SSM | 1L4' T8/EEMAG | 37 |
| 4F48SES | 4L4' F48T12EE/STD | 164 | 2F32SSE | 2L4' T8/ELIG | 60 |
| 4F48SSS | 4L4' F48T12/STD | 204 | 2F32SSH | 2L4' T8/ELIG HIGH LMN | 78 |
| Four Foot F48HO T12 Systems | | | 2F32SSL | 2L4 T8/ELIG LOW PWR | 52 |
| 1F48HES | 1L4' F48HO/EE/STD | 80 | 2F32SSM | 2L4' T8/EEMAG | 70 |
| 1F48HSS | 1L4' F48HO/STD/STD | 85 | 3F32SSE | 3L4' T8/ELIG | 88 |
| 2F48HES | 2L4' F48HO/EE/STD | 135 | 3F32SSH | 3L4' T8/ELIG HIGH LMN | 112 |
| 2F48HSS | 2L4' F48HO/STD/STD | 145 | 3F32SSL | 3L4 T8/ELIG LOW POWER | 76 |
| 3F48HES | 3L4' F48HO/EE/STD | 215 | 3F32SSM | 3L4' T8/EEMAG | 107 |
| 3F48HSS | 3L4' F48HO/STD/STD | 230 | 4F32SSE | 4L4' T8/ELIG | 112 |
| 4F48HES | 4L4' F48HO/EE/STD | 270 | 4F32SSH | 4L4' T8/ELIG HIGH LMN | 156 |
| 4F48HSS | 4L4' F48HO/STD/STD | 290 | 4F32SSL | 4L4 T8/ELIG LOW PWR | 98 |
| Four Foot F48VHO T12 Systems | | | 4F32SSM | 4L4' T8/EEMAG | 140 |
| 1F48VES | 1L4' F48VHO/EE/STD | 123 | 5F32SSE | 5L4' T8/ELIG | 148 |
| 1F48VSS | 1L4' F48VHO/STD/STD | 138 | 5F32SSH | 5L4' T8/ELIG HIGH LMN | 190 |
| 2F48VES | 2L4' F48VHO/EE/STD | 210 | 6F32SSE | 6L4' T8/ELIG | 174 |
| 2F48VSS | 2L4' F48VHO/STD/STD | 240 | 8F32SSH | 8L4' T8/ELIG HIGH LMN | 312 |
| 3F48VES | 3L4' F48VHO/EE/STD | 333 | Five Foot T8 / T12 Systems | | |
| 3F48VSS | 3L4' F48VHO/STD/STD | 378 | 1F40HSE | 1L5' HO/STD/ELIG | 59 |
| 4F48VES | 4L4' F48VHO/EE/STD | 420 | 1F60HSM | 1L5' HO/STD/EEMAG | 90 |
| 4F48VSS | 4L4' F48VHO/STD/STD | 480 | 1F60SSM | 1L5'/STD/EEMAG | 73 |
| Four Foot T12 Systems | | | 1F60TSM | 1L5' T10HO/STD/EEMAG | 135 |
| 1F40SEE | 1L4' EE/ELIG | 38 | 2F40HSE | 2L5' HO/STD/ELIG | 123 |
| 1F40SEM | 1L4' EE/EEMAG | 40 | 2F40TSE | 2L5'T8/ELIG | 68 |
| 1F40SES | 1L4' EE/STD | 50 | 2F60HSM | 2L5' HO/STD/EEMAG | 178 |
| 1F40SSE | 1L4' STD/ELIG | 46 | 2F60SSM | 2L5'/STD/EEMAG | 122 |
| 1F40SSM | 1L4' STD/EEMAG | 50 | 3F40TSE | 3L5'T8/ELIG | 106 |
| 1F40SSS | 1L4' STD/STD | 57 | Six Foot T12 & T12HO Systems | | |
| 2F40SEE | 2L4' EE/ELIG | 60 | 1F72HSE | 1L6' T8HO/ELIG | 80 |
| 2F40SEM | 2L4' EE/EEMAG | 70 | 1F72HSS | 1L6' F72HO/STD/STD | 113 |
| 2F40SES | 2L4' EE/STD | 80 | 1F72SSM | 1L6' STD/EEMAG | 80 |
| 2F40SSE | 2L4' STD/ELIG | 72 | 1F72SSS | 1L6' STD/STD | 95 |
| 2F40SSM | 2L4' STD/EEMAG | 86 | 2F72HSE | 2L6'T8 HO/ELIG | 160 |
| 2F40SSS | 2L4' STD/STD | 94 | 2F72HSM | 2L6' F72HO/STD/EEMAG | 193 |
| 3F40SEE | 3L4' EE/ELIG | 90 | 2F72HSS | 2L6' F72HO/STD | 195 |
| 3F40SEM | 3L4' EE/EEMAG | 110 | 2F72SSM | 2L6' STD/EEMAG | 135 |
| 3F40SES | 3L4' EE/STD | 130 | 2F72SSS | 2L6' STD/STD | 173 |
| 3F40SSE | 3L4' STD/ELIG | 110 | Eight Foot T12HO Systems | | |
| 3F40SSM | 3L4' STD/EEMAG | 136 | 1F96HES | 1L8' HO/EE/STD | 125 |
| 3F40SSS | 3L4' STD/STD | 151 | 1F96HSS | 1L8' HO/STD/STD | 135 |
| 4F40SEE | 4L4' EE/ELIG | 120 | 2F96HEE | 2L8' HO/EE/ELIG | 170 |

| <u>Device Code</u> | <u>Device Description</u> | <u>Rated Watts</u> |
|--|---------------------------|--------------------|
| Eight Foot T12HO Systems (cont) | | |
| 2F96HEM | 2L8' HO/EE/EEMAG | 207 |
| 2F96HES | 2L8' HO/EE/STD | 227 |
| 2F96HSE | 2L8' HO/STD/ELIG | 195 |
| 2F96HSM | 2L8' HO/STD/EEMAG | 237 |
| 2F96HSS | 2L8' HO/STD/STD | 257 |
| 3F96HES | 3L8' HO/EE/STD | 352 |
| 3F96HSS | 3L8' HO/STD/STD | 392 |
| 4F96HEE | 4L8' HO/EE/ELIG | 340 |
| 4F96HEM | 4L8' HO/EE/EEMAG | 414 |
| 4F96HES | 4L8' HO/EE/STD | 454 |
| 4F96HSE | 4L8' HO/STD/ELIG | 390 |
| 4F96HSM | 4L8' HO/STD/EEMAG | 474 |
| 4F96HSS | 4L8' HO/STD/STD | 514 |

| | | |
|----------------------------------|------------------|-----|
| Eight Foot T12VHO Systems | | |
| 1F96VES | 1L8' VHO/EE/STD | 200 |
| 1F96VSS | 1L8' VHO/STD/STD | 230 |
| 2F96VES | 2L8' VHO/EE/STD | 390 |
| 2F96VSS | 2L8' VHO/STD/STD | 450 |
| 3F96VES | 3L8' VHO/EE/STD | 590 |
| 3F96VSS | 3L8' VHO/STD/STD | 680 |
| 4F96VES | 4L8' VHO/EE/STD | 780 |
| 4F96VSS | 4L8' VHO/STD/STD | 900 |

| | | |
|------------------------------|----------------------|-----|
| Eight Foot T8 Systems | | |
| 1F59SSE | 1L8' T8/ELIG | 60 |
| 1F80SSE | 1L8' T8 HO/ELIG | 85 |
| 2F59SSE | 2L8' T8/ELIG | 109 |
| 2F59SSL | 2L8' T8/ELIG LOW PWR | 100 |
| 2F80SSE | 2L8' T8 HO/ELIG | 160 |

| | | |
|-------------------------------|----------------|-----|
| Eight Foot T12 Systems | | |
| 1F96SEE | 1L8' EE/ELIG | 60 |
| 1F96SES | 1L8' EE/STD | 83 |
| 1F96SSE | 1L8' STD/ELIG | 70 |
| 1F96SSS | 1L8' STD/STD | 100 |
| 2F96SEE | 2L8' EE/ELIG | 109 |
| 2F96SEM | 2L8' EE/EEMAG | 123 |
| 2F96SES | 2L8' EE/STD | 138 |
| 2F96SSE | 2L8' STD/ELIG | 134 |
| 2F96SSM | 2L8' STD/EEMAG | 158 |
| 2F96SSS | 2L8' STD/STD | 173 |
| 3F96SES | 3L8' EE/STD | 221 |
| 3F96SSS | 3L8' STD/STD | 273 |
| 4F96SEE | 4L8' EE/ELIG | 218 |
| 4F96SEM | 4L8' EE/EEMAG | 246 |
| 4F96SES | 4L8' EE/STD | 276 |
| 4F96SSE | 4L8' STD/ELIG | 268 |
| 4F96SSM | 4L8' STD/EEMAG | 316 |
| 4F96SSS | 4L8' STD/STD | 346 |

Proposed Lighting Systems

| <u>Device Code</u> | <u>Device Description</u> | <u>Rated Watts</u> | <u>Device Code</u> | <u>Device Description</u> | <u>Rated Watts</u> |
|-------------------------------------|---------------------------|--------------------|---|-----------------------------|--------------------|
| LED Exit Signs | | | Compact Fluorescents (CFL's) (cont) | | |
| 1E0002 | 2.0 WATT LED | 2 | 4C0042E | 4/42W COMPACT HW ELIG | 188 |
| 1E0003 | 3.0 WATT LED | 3 | 6C0026E | 6/26W COMPACT HW ELIG | 162 |
| 1E0005 | 5.0 WLED | 5 | 6C0032E | 6/32W COMPACT HW ELIG | 228 |
| 1E0005C | 0.5 WATT LEC | 0.5 | 6C0042E | 6/42W COMPACT HW ELIG | 282 |
| 1E0008 | 8.0 WLED | 8 | 8C0026E | 8/26W COMPACT HW ELIG | 216 |
| 1E0015 | 1.5 WATT LED | 1.5 | 8C0032E | 8/32W COMPACT HW ELIG | 304 |
| 1E0105 | 10.5 WATT LED | 10.5 | 8C0042E | 8/42W COMPACT HW ELIG | 376 |
| Compact Fluorescents (CFL's) | | | T5 Systems | | |
| 2C0007S | 2/7W COMPACT HW | 18 | 1F21SSE | 1L3' 21W T5/ELIG | 24 |
| 1C0005S | 5W COMPACT HW | 7 | 1F28SSE | 1L4' 28W T5/ELIG | 32 |
| 1C0007S | 7W COMPACT HW | 9 | 1F39HSE | 1L3' 39W T5HO/ELIG | 42 |
| 1C0009S | 9W COMPACT HW | 11 | 1F54HSE | 1L4' 54W T5HO/ELIG | 59 |
| 1C0011S | 11W COMPACT HW | 13 | 1F14SSE | 1L2' 14W T5/ELIG | 16 |
| 1C0013S | 13W COMPACT HW | 15 | 2F14SSE | 2L2' 14W T5/ELIG | 32 |
| 1C0018E | 18W COMPACT HW ELIG | 20 | 1F24HSE | 1L2' 24W T5HO/ELIG | 29 |
| 1C0018S | 18W COMPACT HW | 20 | 2F24HSE | 2L2' 24W T5HO/ELIG | 52 |
| 1C0022S | 22W COMPACT HW | 24 | 3F24HSE | 3L4' T5HO/ELIG | 80 |
| 1C0023E | 1/23W COMPACT HW ELIG | 25 | 2F21SSE | 2L3' 21W T5/ELIG | 47 |
| 1C0026E | 26W COMPACT HW ELIG | 28 | 2F28SSE | 2L4' 28W T5/ELIG | 63 |
| 1C0026S | 26W COMPACT HW | 28 | 2F39HSE | 2L3' 39W T5HO/ELIG | 85 |
| 1C0028S | 28W COMPACT HW | 30 | 2F54HSE | 2L4' 54W T5HO/ELIG | 117 |
| 1C0032E | 32W COMPACT HW ELIG | 34 | 3F54HSE | 3L4' 54W T5HO/ELIG | 177 |
| 1C0032S | 32W CIRCLINE HW | 34 | 4F54HSE | 4L4' 54W T5HO/ELIG | 234 |
| 1C0042E | 1/42W COMPACT HW ELIG | 48 | 5F54HSE | 5L4' 54W T5HO/ELIG | 294 |
| 1C0044S | 44W CIRCLINE HW | 46 | 6F54HSE | 6L4' 54W T5HO/ELIG | 351 |
| 1C0057E | 1/57W COMPACT HW ELIG | 65 | 8F54HSE | 8L4' 54W T5HO/ELIG | 468 |
| 1C2232S | 22/32W CIRCLINE HW | 58 | 10F54HSE | 10L4' 54W T5HO/ELIG | 585 |
| 1C2D10E | 10W 2D COMPACT HW ELIG | 12 | Two Foot High Efficient T8 Systems | | |
| 1C2D16E | 16W 2D COMPACT HW ELIG | 18 | 1F17ESL | 1L2' 17W T8EE/ELEE LOW PWR | 14 |
| 1C2D21E | 21W 2D COMPACT HW ELIG | 22 | 1F17ESN | 1L2' 17W T8EE/ELEE | 17 |
| 1C2D28E | 28W 2D COMPACT HW ELIG | 28 | 1F17ESH | 1L2' 17W T8EE/ELEE HIGH PWR | 20 |
| 1C2D38E | 38W 2D COMP. HW ELIG | 36 | 1F28BXE | 1L2' F28BX/ELIG | 32 |
| 1C3240S | 32/40W CIRCLINE HW | 80 | 2F17ESL | 2L2' 17W T8EE/ELEE LOW PWR | 27 |
| 2C0005S | 2/5W COMPACT HW | 14 | 2F17ESN | 2L2' 17W T8EE/ELEE | 32 |
| 2C0009S | 2/9W COMPACT HW | 22 | 2F17ESH | 2L2' 17W T8EE/ELEE HIGH PWR | 40 |
| 2C0011S | 2/11W COMPACT HW | 26 | 2F28BXE | 2L2' F28BX/ELIG | 63 |
| 2C0013E | 2/13W COMPACT HW ELIG | 28 | 3F17ESL | 3L2' 17W T8EE/ELEE LOW PWR | 39 |
| 2C0013S | 2/13W COMPACT HW | 30 | 3F17ESN | 3L2' 17W T8EE/ELEE | 46 |
| 2C0018E | 2/18W COMP. HW ELIG | 40 | 3F17ESH | 3L2' 17W T8EE/ELEE HIGH PWR | 61 |
| 2C0026E | 2/26W COMP. HW ELIG | 54 | 3F28BXE | 3L2' F28BX/ELIG | 94 |
| 2C0032E | 2/32W COMPACT HW ELIG | 68 | Three Foot High Efficient T8 Systems | | |
| 2C0042E | 2/42W COMPACT HW ELIG | 100 | 1F25ESL | 1L3' 25W T8EE/ELEE LOW PWR | 21 |
| 3C0009S | 3/9W COMPACT HW | 33 | 1F25ESN | 1L3' 25W T8EE/ELEE | 24 |
| 3C0013S | 3/13W COMPACT HW | 45 | 1F25ESH | 1L3' 25W T8EE/ELEE HIGH PWR | 30 |
| 3C0018E | 3/18W COMPACT HW ELIG | 60 | 2F25ESL | 2L3' 25W T8EE/ELEE LOW PWR | 40 |
| 3C0026E | 3/26W COMPACT HW ELIG | 82 | 2F25ESN | 2L3' 25W T8EE/ELEE | 45 |
| 3C0032E | 3/32W COMPACT HW ELIG | 114 | 2F25ESH | 2L3' 25W T8EE/ELEE HIGH PWR | 60 |
| 3C0042E | 3/42W COMPACT HW ELIG | 141 | 3F25ESL | 3L3' 25W T8EE/ELEE LOW PWR | 58 |
| 4C0018E | 4/18W COMPACT HW ELIG | 80 | 3F25ESN | 3L3' 25W T8EE/ELEE | 67 |
| 4C0026E | 4/26W COMPACT HW ELIG | 108 | 3F25ESH | 3L3' 25W T8EE/ELEE HIGH PWR | 90 |
| 4C0032E | 4/32W COMPACT HW ELIG | 152 | | | |

| <u>Device Code</u> | <u>Device Description</u> | <u>Rated Watts</u> | <u>Device Code</u> | <u>Device Description</u> | <u>Rated Watts</u> |
|---|-----------------------------|--------------------|------------------------------|---------------------------|--------------------|
| Four Foot T8 High Efficient / Reduce Wattage Systems | | | Eight Foot T8 Systems | | |
| 1F25EEH | 1L4' 25W T8EE/ELEE HIGH PWR | 30 | 1F59SSE | 1L8' T8/ELIG | 60 |
| 1F25EEE | 1L4' 25W T8EE/ELEE | 22 | 1F80SSE | 1L8' T8 HO/ELIG | 85 |
| 1F25EEL | 1L4' 25W T8EE/ELEE LOW PWR | 19 | 2F59SSE | 2L8' T8/ELIG | 109 |
| 2F25EEH | 2L4' 25W T8EE/ELEE HIGH PWR | 57 | 2F59SSL | 2L8' T8/ELIG LOW PWR | 100 |
| 2F25EEE | 2L4' 25W T8EE/ELEE | 43 | 2F80SSE | 2L8' T8 HO/ELIG | 160 |
| 2F25EEL | 2L4' 25W T8EE/ELEE LOW PWR | 37 | | | |
| 3F25EEH | 3L4' 25W T8EE/ELEE HIGH PWR | 86 | LED Lighting Fixtures | | |
| 3F25EEE | 3L4' 25W T8EE/ELEE | 64 | 1L002 | 2 WATT LED | 2 |
| 3F25EEL | 3L4' 25W T8EE/ELEE LOW PWR | 57 | 1L003 | 3 WATT LED | 3 |
| 4F25EEH | 4L4' 25W T8EE/ELEE HIGH PWR | 111 | 1L004 | 4 WATT LED | 04 |
| 4F25EEE | 4L4' 25W T8EE/ELEE | 86 | 1L005 | 5 WATT LED | 05 |
| 4F25EEL | 4L4' 25W T8EE/ELEE LOW PWR | 75 | 1L006 | 6 WATT LED | 06 |
| 1F28EEH | 1L4' 28W T8EE/ELEE HIGH PWR | 33 | 1L007 | 7 WATT LED | 07 |
| 1F28EEE | 1L4' 28W T8EE/ELEE | 24 | 1L008 | 8 WATT LED | 08 |
| 1F28EEL | 1L4' 28W T8EE/ELEE LOW PWR | 22 | 1L009 | 9 WATT LED | 09 |
| 2F28EEH | 2L4' 28WT8EE/ELEE HIGH PWR | 64 | 1L010 | 10 WATT LED | 10 |
| 2F28EEE | 2L4' 28W T8EE/ELEE | 48 | 1L011 | 11 WATT LED | 11 |
| 2F28EEL | 2L4' 28W T8EE/ELEE LOW PWR | 42 | 1L012 | 12 WATT LED | 12 |
| 3F28EEH | 3L4' 28W T8EE/ELEE HIGH PWR | 96 | 1L013 | 13 WATT LED | 13 |
| 3F28EEE | 3L4' 28W T8EE/ELEE | 72 | 1L014 | 14 WATT LED | 14 |
| 3F28EEL | 3L4' 28W T8EE/ELEE LOW PWR | 63 | 1L015 | 15 WATT LED | 15 |
| 4F28EEH | 4L4' 28W T8EE/ELEE HIGH PWR | 126 | 1L016 | 16 WATT LED | 16 |
| 4F28EEE | 4L4' 28W T8EE/ELEE | 94 | 1L017 | 17 WATT LED | 17 |
| 4F28EEL | 4L4' 28W T8EE/ELEE LOW PWR | 83 | 1L018 | 18 WATT LED | 18 |
| 1F30EEH | 1L4' 30W T8EE/ELEE HIGH PWR | 36 | 1L019 | 19 WATT LED | 19 |
| 1F30EEE | 1L4' 30W T8EE/ELEE | 26 | 1L020 | 20 WATT LED | 20 |
| 1F30EEL | 1L4' 30W T8EE/ELEE LOW PWR | 24 | 1L021 | 21 WATT LED | 21 |
| 2F30EEH | 2L4' 30WT8EE/ELEE HIGH PWR | 69 | 1L022 | 22 WATT LED | 22 |
| 2F30EEE | 2L4' 30W T8EE/ELEE | 52 | 1L023 | 23 WATT LED | 23 |
| 2F30EEL | 2L4' 30W T8EE/ELEE LOW PWR | 45 | 1L024 | 24 WATT LED | 24 |
| 3F30EEH | 3L4' 30W T8EE/ELEE HIGH PWR | 103 | 1L025 | 25 WATT LED | 25 |
| 3F30EEE | 3L4' 30W T8EE/ELEE | 77 | 1L026 | 26 WATT LED | 26 |
| 3F30EEL | 3L4' 30W T8EE/ELEE LOW PWR | 68 | 1L027 | 27 WATT LED | 27 |
| 4F30EEH | 4L4' 30W T8EE/ELEE HIGH PWR | 133 | 1L028 | 28 WATT LED | 28 |
| 4F30EEE | 4L4' 30W T8EE/ELEE | 101 | 1L029 | 29 WATT LED | 29 |
| 4F30EEL | 4L4' 30W T8EE/ELEE LOW PWR | 89 | 1L030 | 30 WATT LED | 30 |
| 1F32EEH | 1L4' 32W T8EE/ELEE HIGH PWR | 38 | 1L031 | 31 WATT LED | 31 |
| 1F32EEE | 1L4' 32W T8EE/ELEE | 28 | 1L032 | 32 WATT LED | 32 |
| 1F32EEL | 1L4' 32W T8EE/ELEE LOW PWR | 25 | 1L033 | 33 WATT LED | 33 |
| 2F32EEH | 2L4' 32W T8EE/ELEE HIGH PWR | 73 | 1L034 | 34 WATT LED | 34 |
| 2F32EEE | 2L4' 32W T8EE/ELEE | 53 | 1L035 | 35 WATT LED | 35 |
| 2F32EEL | 2L4' 32W T8EE/ELEE LOW PWR | 47 | 1L036 | 36 WATT LED | 36 |
| 3F32EEH | 3L4' 32W T8EE/ELEE HIGH PWR | 109 | 1L037 | 37 WATT LED | 37 |
| 3F32EEE | 3L4' 32W T8EE/ELEE | 82 | 1L038 | 38 WATT LED | 38 |
| 3F32EEL | 3L4' 32W T8EE/ELEE LOW PWR | 72 | 1L039 | 39 WATT LED | 39 |
| 4F32EEH | 4L4' 32W T8EE/ELEE HIGH PWR | 141 | 1L040 | 40 WATT LED | 40 |
| 4F32EEE | 4L4' 32W T8EE/ELEE | 107 | 1L041 | 41 WATT LED | 41 |
| 4F32EEL | 4L4' 32W T8EE/ELEE LOW PWR | 95 | 1L042 | 42 WATT LED | 42 |
| 6F32EEH | 6L4' 32W T8EE/ELEE HIGH PWR | 218 | 1L043 | 43 WATT LED | 43 |
| 6F32EEE | 6L4' 32W T8EE/ELEE | 168 | 1L044 | 44 WATT LED | 44 |
| 6F32EEL | 6L4' 32W T8EE/ELEE LOW PWR | 146 | 1L045 | 45 WATT LED | 45 |
| | | | 1L046 | 46 WATT LED | 46 |

| <u>Device Code</u> | <u>Device Description</u> | <u>Rated Watts</u> |
|--------------------------------------|---------------------------|--------------------|
| LED Lighting Fixtures (cont) | | |
| 1L047 | 47 WATT LED | 47 |
| 1L048 | 48 WATT LED | 48 |
| 1L049 | 49 WATT LED | 49 |
| 1L050 | 50 WATT LED | 50 |
| 1L055 | 55 WATT LED | 55 |
| 1L060 | 60 WATT LED | 60 |
| 1L070 | 70 WATT LED | 70 |
| 1L073 | 73 WATT LED | 73 |
| 1L075 | 75 WATT LED | 75 |
| 1L080 | 90 WATT LED | 90 |
| 1L085 | 85 WATT LED | 85 |
| 1L090 | 90 WATT LED | 90 |
| 1L095 | 95 WATT LED | 95 |
| 1L100 | 100 WATT LED | 100 |
| 1L116 | 116 WATT LED | 116 |
| 1L120 | 120 WATT LED | 120 |
| 1L125 | 125 WATT LED | 125 |
| 1L130 | 130 WATT LED | 130 |
| 1L135 | 135 WATT LED | 135 |
| 1L140 | 140 WATT LED | 140 |
| 1L145 | 145 WATT LED | 145 |
| 1L150 | 150 WATT LED | 150 |
| 1L155 | 155 WATT LED | 155 |
| 1L160 | 160 WATT LED | 160 |
| 1L165 | 165 WATT LED | 165 |
| 1L170 | 170 WATT LED | 170 |
| 1L175 | 175 WATT LED | 175 |
| 1L180 | 180 WATT LED | 180 |
| 1L185 | 185 WATT LED | 185 |
| 1L190 | 190 WATT LED | 190 |
| 1L200 | 200 WATT LED | 200 |
| 1L210 | 210 WATT LED | 210 |
| 1L220 | 220 WATT LED | 220 |
| 1L240 | 240 WATT LED | 240 |
| Electronic Metal Halide Lamps | | |
| 1M0150E | 150W METAL HALIDE EB | 160 |
| 1M0200E | 200W METAL HALIDE EB | 215 |
| 1M0250E | 250W METAL HALIDE EB | 270 |
| 1M0320E | 320W METAL HALIDE EB | 345 |
| 1M0350E | 350W METAL HALIDE EB | 375 |
| 1M0400E | 400W METAL HALIDE EB | 430 |
| 1M0450E | 400W METAL HALIDE EB | 480 |
| MH Track Lighting | | |
| 1M0020E | 20W MH SPOT | 25 |
| 1M0025E | 25W MH SPOT | 25 |
| 1M0035E | 35W MH SPOT | 44 |
| 1M0039E | 39W MH SPOT | 47 |
| 1M0050E | 50W MH SPOT | 60 |
| 1M0070E | 70W MH SPOT | 80 |
| 1M0100E | 100W MH SPOT | 111 |
| 1M0150E | 150W MH SPOT | 162 |