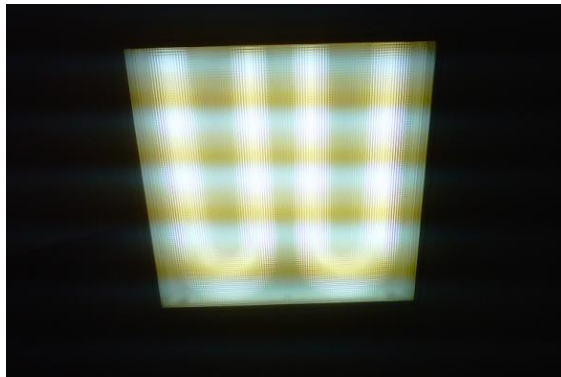


Typical Lighting Wattages

The following is a basic guide to typical lighting equipment wattages. Actual wattage for fixtures that are replaced will depend upon the lamps and ballasts used.

Existing Fluorescent Fixture ballast type can be determined by looking at the ballast. Alternatively, a Cell Phone Camera may be used to determine if the existing ballasts are magnetic or electronic.



Magnetic Ballast



Electronic Ballast

Magnetic ballasts installed up until 1991 are most likely standard magnetic (Mag) ballasts. Magnetic ballasts installed after 1991 are most likely energy efficient magnetic (EEMag) ballasts.

| Existing Lighting Technology | |
|---|---------------|
| Description | Typical Watts |
| 70 Watt Metal Halide | 95 |
| 100 Watt Metal Halide | 113.6 |
| 175 Watt Metal Halide | 198.9 |
| 200 Watt Pulse Start Metal Halide | 227.3 |
| 250 Watt Metal Halide | 284.1 |
| 320 Watt Pulse Start Metal Halide w/ Super Constant Wattage Autotransformer Ballast | 363.6 |
| 350W Pulse Start Metal Halide | 397.7 |
| 400 Watt Metal Halide | 454.5 |
| 1000 Watt Metal Halide | 1080 |
| | |
| 4-lamp 4' T8 w/ High-BF Ballast High-Bay | 147.2 |
| 6-lamp 4' T8 w/ High-BF Ballast High-Bay | 220.8 |

| | |
|--|--------|
| 8-lamp 4' T8 w/ High-BF Ballast High-Bay | 292.4 |
| 1-Lamp F20 T12 - 2ft w/Mag Ballast | 28 |
| 2-Lamp F20 T12 - 2ft w/Mag Ballast | 56 |
| 1-Lamp F30 T12 - 3ft w/Mag Ballast | 46 |
| 2-Lamp F30 T12 - 3ft w/Mag Ballast | 81 |
| 1-Lamp Standard F32 T8 w/Elec. Ballast | 28.16 |
| 2-Lamp Standard F32 T8 w/Elec. Ballast | 56.32 |
| 3-Lamp Standard F32 T8 w/Elec. Ballast | 84.48 |
| 4-Lamp Standard F32 T8 w/Elec. Ballast | 112.64 |
| 1-Lamp F34 (F40ES) T12 w/EEMag Ballast | 42 |
| 2-Lamp F34 (F40ES) T12 w/EEMag Ballast | 67 |
| 3-Lamp F34 (F40ES) T12 w/EEMag Ballast | 104 |
| 4-Lamp F34 (F40ES) T12 w/EEMag Ballast | 144 |
| 1-Lamp F40 T12 w/EEMag Ballast | 41 |
| 2-Lamp F40 T12 w/EEMag Ballast | 87 |
| 3-Lamp F40 T12 w/EEMag Ballast | 141 |
| 4-Lamp F40 T12 w/EEMag Ballast | 172 |
| 1-Lamp F34 (F40ES) T12 w/Mag Ballast | 50 |
| 2-Lamp F34 (F40ES) T12 w/Mag Ballast | 80 |
| 3-Lamp F34 (F40ES) T12 w/Mag Ballast | 130 |
| 4-Lamp F34 (F40ES) T12 w/Mag Ballast | 160 |
| 1-Lamp F40 T12 w/Mag Ballast | 51 |
| 2-Lamp F40 T12 w/Mag Ballast | 97 |
| 3-Lamp F40 T12 w/Mag Ballast | 135 |
| 4-Lamp F40 T12 w/Mag Ballast | 175 |
| U-Tube 1 Lamp - T12 FB40 | 48 |
| U-Tube 2 Lamp-FB40ES T12 - EE Mag | 72 |
| U-Tube 2 Lamp-FB40ES T12 -Std Mag | 82 |
| 1-Lamp - F96 T12 - 8ft | 83 |
| 2-Lamp - F96 T12 - 8ft | 138 |
| 3-Lamp - F96 T12 - 8ft | 221 |
| 4-Lamp - F96 T12 - 8ft | 276 |
| 1-Lamp-F96HO T12 - 8ft | 125 |

| | |
|-------------------------------|-----|
| 2-Lamp-F96HO T12 - 8ft | 227 |
| 3-Lamp-F96HO T12 - 8ft | 352 |
| 4-Lamp-F96HO T12 - 8ft | 454 |
| 1-Lamp-F96VHO T12 - 8ft | 200 |
| 2-Lamp-F96VHO T12 - 8ft | 390 |
| 3-Lamp-F96VHO T12 - 8ft | 590 |
| 4-Lamp-F96VHO T12 - 8ft | 780 |
| | |
| 1L 8' T8HO | 85 |
| 2L 8' T8HO | 109 |
| 3L 8' T8HO | 157 |
| 4L 8' T8HO | 196 |
| 6L 8' T8HO | 294 |
| 8L 8' T8HO | 392 |
| | |
| 1L 2' T5 24W | 18 |
| 2L 2' T5 24W | 35 |
| 1L 4' T5 | 32 |
| 2L 4' T5 | 64 |
| 3L 4' T5 | 96 |
| 4L 4' T5 | 128 |
| 1L 4' T5HO | 59 |
| 2L 4' T5HO | 120 |
| 3L 4' T5HO | 180 |
| 4L 4' T5HO | 234 |
| 6L 4' T5HO | 358 |
| | |
| 40 Watt Mercury Vapor | 50 |
| 50 Watt Mercury Vapor | 74 |
| 75 Watt Mercury Vapor | 93 |
| 100 Watt Mercury Vapor | 125 |
| 175 Watt Mercury Vapor | 205 |
| 250 Watt Mercury Vapor | 290 |
| 400 Watt Mercury Vapor | 455 |
| | |
| 35 Watt High Pressure Sodium | 46 |
| 50 Watt High Pressure Sodium | 66 |
| 70 Watt High Pressure Sodium | 95 |
| 100 Watt High Pressure Sodium | 138 |
| 150 Watt High Pressure Sodium | 188 |
| 200 Watt High Pressure Sodium | 250 |

| | |
|--------------------------------|------|
| 250 Watt High Pressure Sodium | 295 |
| 400 Watt High Pressure Sodium | 465 |
| 1000 Watt High Pressure Sodium | 1100 |

| Existing Incandescent EISA-Compliant Adjustments (Watts) | |
|---|--------------------------|
| Description | |
| < 25 Watt Incandescent | Exempt (Actual Watts) |
| 25 Watt Incandescent | 25 |
| 40 Watt Incandescent | 29 |
| 60 Watt Incandescent | 43 |
| 75 Watt Incandescent | 53 |
| 100 Watt Incandescent | 72 |
| 125 Watt Incandescent | 125 |
| >125 Watt Incandescent | Exempt (Actual Watts) |