

# Technical Reference

## Lamp Comparison Chart

This Chart shows typical light output (lumens) & expected life (hour) of commonly used incandescent & fluorescent bulbs.

Wattage	Type	Lumens	Average Life (Hours)	CRI(2)	COLOR(3) TEMP(°K)
60	Incandescent A19	865	1000	100	2800
75	Incandescent A19	1190	750	100	2800
100	Incandescent A19	1710	750	100	2800
13	Compact Fluorescent T4/5 Twin or Quad Tube	825	10,000	82	4100
15	Compact Fluorescent T4/5 Twin or Quad Tube	1710	10,000	82	4100
17	Flourescent T8	1325	20,000	86	4100
25	Flourescent T8	2080	20,000	86	4100
32	Flourescent T8	2950	20,000	86	4100
40	Flourescent T8	3600	20,000	84	4100
18	F18BX Fluorescent 2G11 Base BIAX	1250	20,000	82	4100
27	F27BX Fluorescent 2G11 Base BIAX	1800	12,000	82	4100
39	F39BX Fluorescent 2G11 Base BIAX	2850	12,000	82	4100
15	F15T8 CW Fluorescent	825	7,500	60	4100
30	F30T12 CW Fluorescent	2200	18,000	72	4100
40	F40T12 CW Fluorescent	3350	20,000	80	4100
70	HID High Pressure Sodium	6400	24,000 +	22	1900
150	HID High Pressure Sodium	16000	24,000 +	22	2000
70	HID Metal Halide	5600	12,000	70	3200
175	HID Metal Halide	13600	10,000	65	4000
400	HID Metal Halide	36000	20,000	65	4000

**Notes:**

1. All based on 120V 60Hz input
2. Based on a scale from 1 to 100 where 100 represents sunlight. The higher the number the truer the color appears
3. Sunlight is simulated with a light that is about 5000 K. The higher the number the whiter the light