Lighting - factors/ratings

- efficacy (lumens/watt)
- color temperature or CRI
- $1
- life
- labor required for relamping

3 types of lamps

- Incandescent - tungsten filament
- Fluorescent (UV)
good for low temperatures
- High Intensity Discharge

"T" designation for fluorescent lamps

\[ T_x = \frac{x}{8} \] diameter bulb

Ballast - device to control current through an HID or fluorescent bulb.