

# Task Lighting

Things to Know

Task lighting is any localised light source in a person's work area directed on an activity or task (e.g.) an Equipoise™ Desk Lamp. Use of Task lighting can significantly reduce overall lighting demands by effectively putting the light where it is needed, instead of attempting to provide all the light needed from overhead fixtures; a system that uses task lighting can achieve the required luminance on the work surface more efficiently. Task lighting improves the quality of light by allowing the user to control the direction and intensity of light on their work area. This flexibility is important to compensate for differences in vision between people. Older people need much more light than young people and the visual capabilities of the same age can also vary greatly. By adjusting their task light the user can avoid glare and avoid reflections on visual display units and compensate for changes in daylight.

Good Task lighting is a profitable investment, advantages are:

- Energy savings.
- Installation is easy.
- There is a range of mounting options available.
- To provide a comfortable work ambience; general lighting can therefore be more subdued, avoiding glare issues.
- Greater accuracy and higher productivity.
- Available with magnifiers for precision work and the visually impaired.
- Easy lamp replacement and cleaning.
- Floor standing uplighters have the benefit of creating ambience as they produce an even dispersment of light reflected off walls and ceilings without any glare.
- Correct work area lighting levels eliminate eye strain, stress and depression. Consult AS/NZS1680 which recommends lux levels for different activities. Low-cost lux metres are readily available.
- Available in traditional and modern styles.

The logo for Superlux, featuring the brand name in a lowercase, sans-serif font with a stylized circular graphic element to the right.

- Important for many tasks is colour temperature which varies from a warm 2,700°K to a crisp 5,000°K, this can be varied in fluorescent fittings simply by changing the type of lamp used, doing so will ensure you achieve the best colour rendering for seeing true colour.
- Guaranteed safe lighting solutions. Portable luminaries are required to be independently laboratory tested to AS/NZS60598.2.4 and then government approved and labelled before being offered for sale.

