

Spotlights

Things to Know

Used for Accent and Task Lighting, these produce more intense light than general lighting fixtures and are capable of producing dramatic visual effects. Light distribution is either a function of the lamp or both the lamp and fixture. Fixtures using reflector lamps are often lower cost and have the advantage of different available lamp beam angles and wattages, thus providing easy variation of intensity and effect. The photometrics for the various reflector lamps are easily obtained and easy to work with.

Retail Lighting

Spot lights and fixtures incorporating reflectors produce specialised and useful effects such as symmetric, asymmetric or highly focused beams, etc. Such fixtures have specific photometric data to enable correct specification.

Surface mounted spot and flood lights are easy to install and offer flexibility, not possible with most other lighting fixtures.

Kitchen Lighting

The kitchen is primarily a work area and requires 300-500 lux on bench tops for safety reasons. Halogen spot lights and adjustable downlights are perfect for kitchens and the crisp White light from miniature reflector lamps can be accurately directed.

Kitchens should be generously lit as too little lighting can cause shadows. You should also position lighting near to 'cook tops' so cooking can be well seen. Utility lighting such as strip lights are a good solution for mounting in pantries or below wall mounted cupboards where work tops would otherwise be shadowed from overhead lighting. There are also purpose-made halogen cabinet lights especially designed for mounting into or under cabinets.

It is important to select quality lighting fixtures and position them carefully, kitchens are classed as damp areas; Electrical Codes of Practice address safety and durability issues.

