

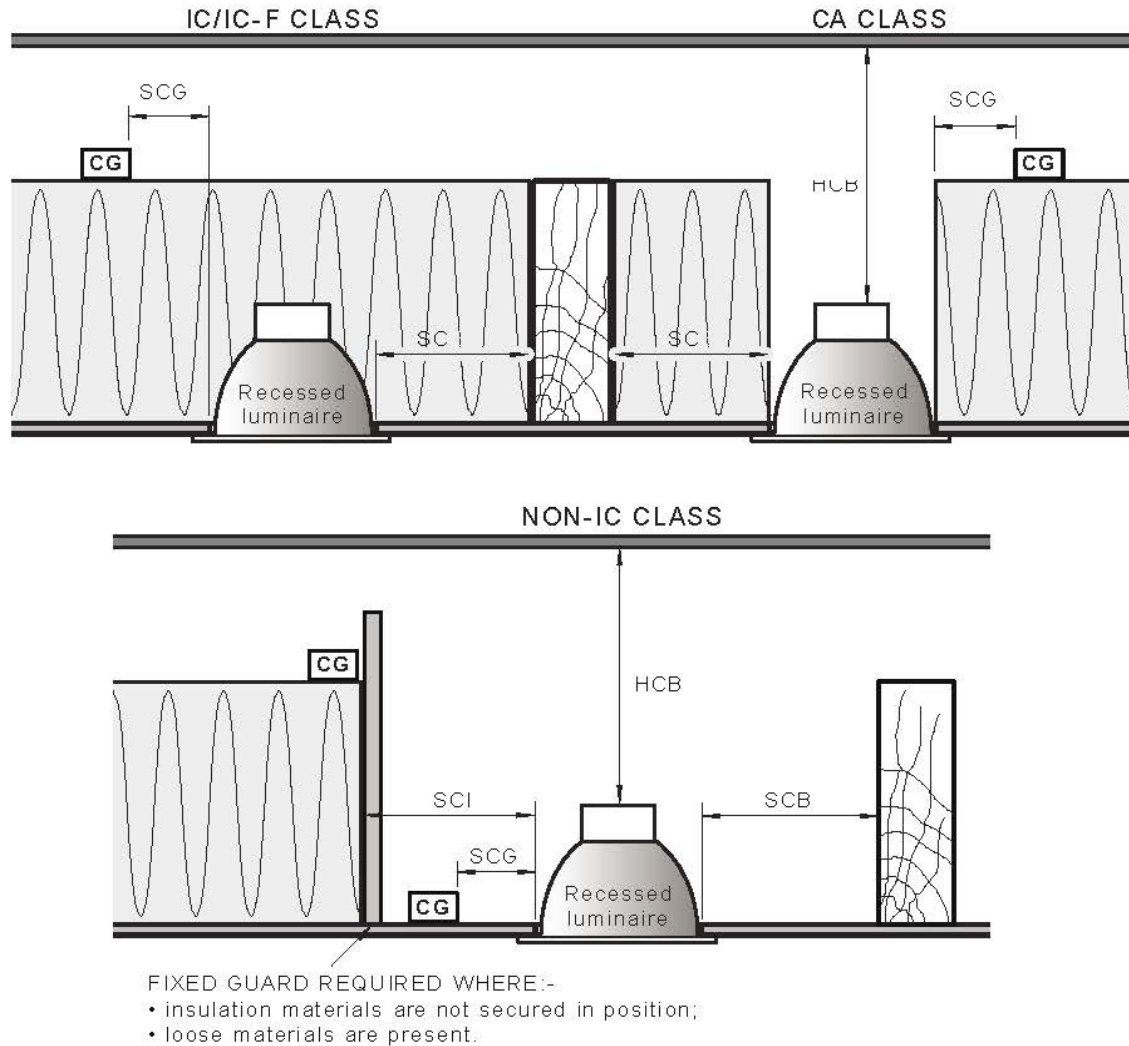
TABLE 4.2
MINIMUM DISTANCE BETWEEN
LAMP AND ILLUMINATED
FLAMMABLE MATERIALS

Rating W	Minimum distance m
≤100	0.6
>100 ≤300	1.0
>300	1.8

4.5.2.3 *Recessed luminaires*

4.5.2.3.1 *General requirements*

- (a) Recessed luminaires and their auxiliary equipment shall be installed in a manner designed to prevent—
 - (i) excessive temperature rise of the luminaire and auxiliary equipment; and
 - (ii) the risk of fire from ignition of combustible materials.
- (b) The requirement in (a) shall be satisfied by one of the following methods:
 - (i) The installation of a luminaire designed and certified by the manufacturer as being suitable for operation—
 - (A) in contact with combustible materials; or
 - (B) in contact with, or enclosed/covered by, thermal insulation material.
 - (ii) The installation of a luminaire in combination with a barrier tested and classified in accordance with AS/NZS 5110 as being suitable for the installation conditions.
 - (iii) The installation of a luminaire with separation from thermal insulating materials, combustible building elements and loose combustible materials not less than—
 - (A) the minimum clearance specified by the manufacturer of the luminaire, which may require a barrier or guard constructed of fire-resistant materials; or
 - (B) the default clearances as specified in Figure 4.9, which may require a barrier or guard constructed of fire-resistant materials.



Dimension	Any lamp up to 100 W
HCB—height clearance to building element	100 mm
SCB—side clearance to building element	100 mm
SCI—side clearance to insulation	100 mm
SCG—side clearance to auxiliary equipment [control gear (CG)]	50 mm

FIGURE 4.9 DEFAULT MINIMUM CLEARANCES FOR RECESSED LUMINAIRES

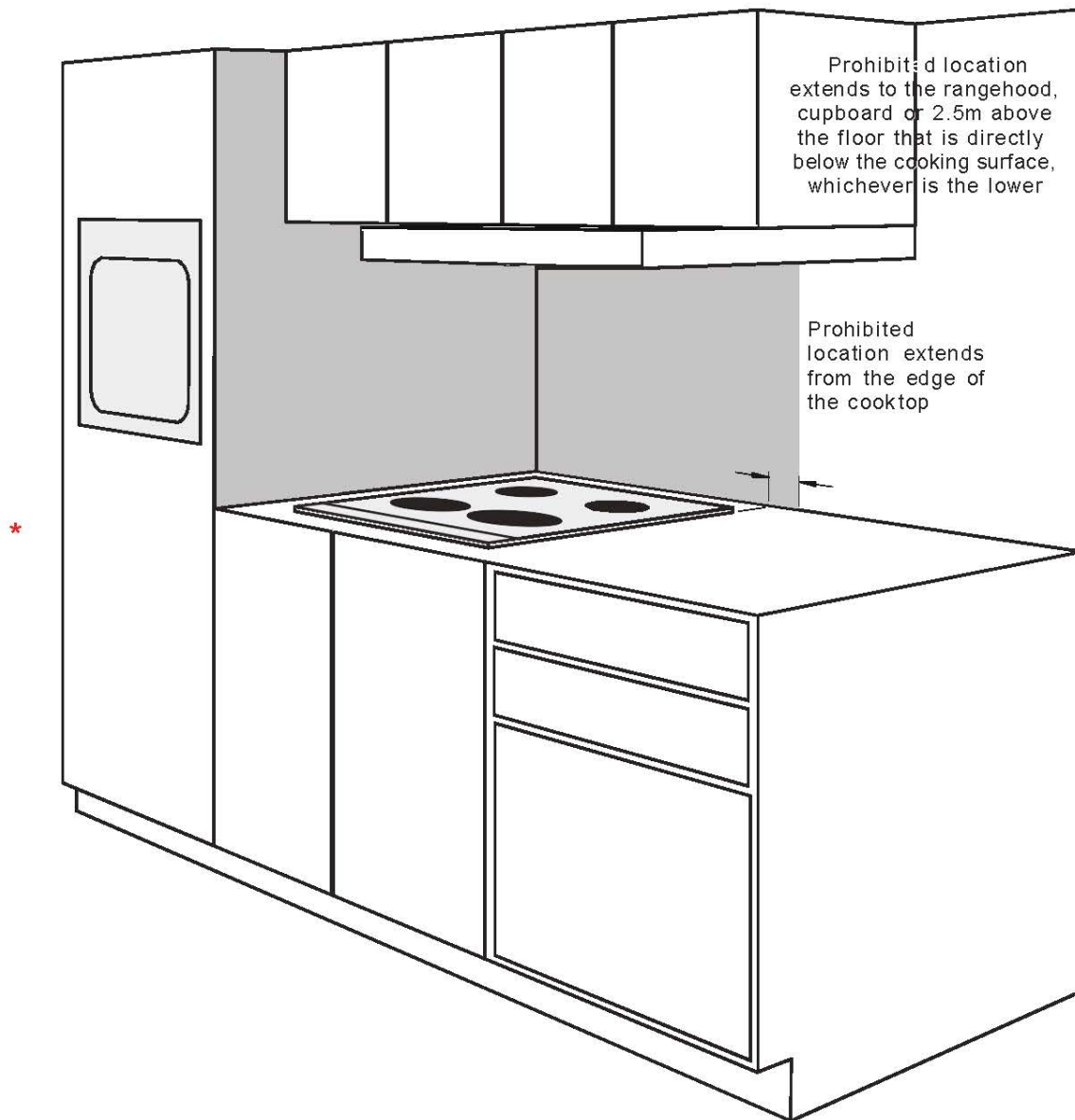


FIGURE 4.17 PROHIBITED LOCATION FOR SOCKET-OUTLETS AND SWITCHES INSTALLED NEAR OPEN COOKING SURFACES (GAS OR ELECTRIC)

4.8 APPLIANCES PRODUCING HOT WATER OR STEAM

4.8.1 General

All appliances producing hot water or steam shall be protected against overheating, by design or installation, in all service conditions.

Protection shall be provided by means of an appropriate non-self-resetting device, functioning independently of the thermostat.