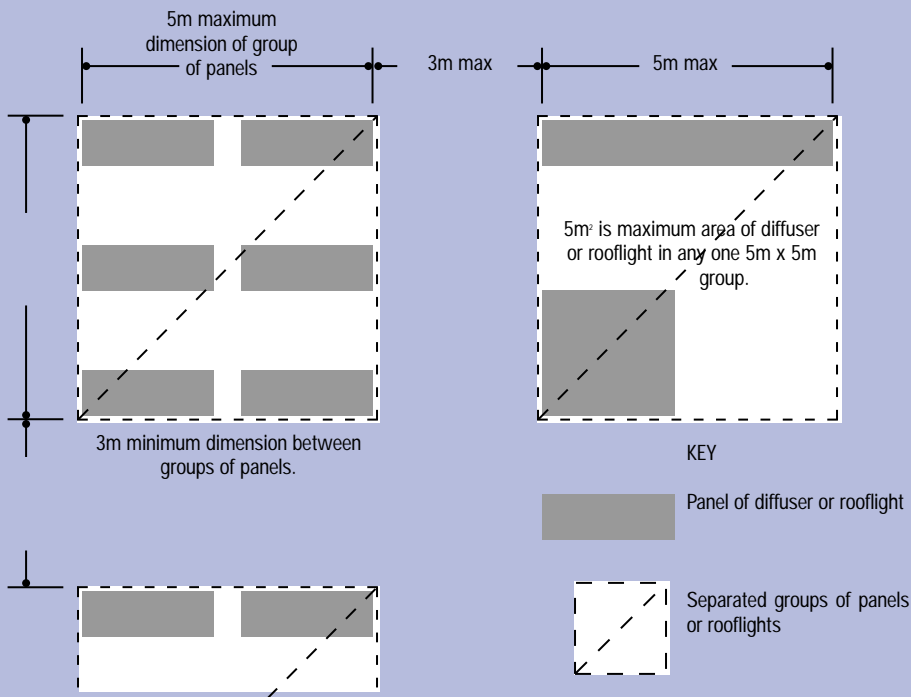


# REGULATIONS AFFECTING USE OF DIFFUSERS

## LAYOUT RESTRICTIONS - PLASTIC LIGHTING DIFFUSERS

In order to comply with the latest regulations relating to flame spread over the ceiling surface, the selection of diffusers for recessed luminaires, which form part of the ceiling, is very important.



### Notes:

- Upper and lower surface of suspended ceiling, between plastic panels, to comply with paragraph 6.1
- No restriction on class 3 rooflights in small rooms

## LIMITATIONS APPLIED TO THERMOPLASTIC ROOFLIGHTS AND LIGHTING DIFFUSERS IN SUSPENDED CEILING AND CLASS 3 PLASTICS ROOFLIGHTS.

Minimum classification of lower surface	Use of space below the diffusers or rooflight	Maximum area of each diffuser panel or rooflight (1)	Max total area of diffuser panels and rooflights as percentage of floor area of the space in which the ceiling is located	Minimum separation distance between diffuser panels or rooflights (1)
TP(a) any except protected stairway		No limit <sup>(2)</sup>	No limit	No limit
class 3 <sup>(3)</sup> or TP (b)	rooms	5 sq. m	50	3m
	circulation spaces except protected stairways	5 sq. m	15	3m

### Note:

- Smaller panels can be grouped together provided that the overall size of the group and the space between one group and any others satisfies the dimensions shown.
- Lighting diffusers of TP(a) flexible rating should be restricted to panels of not more than 5 sq. m each.
- There are no limitations on Class 3 material in small rooms.