

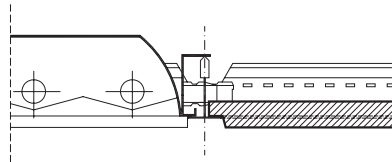
## Recessed Modular Lighting Fittings

Armstrong ceiling grids are primarily designed to carry the distributed load of the installed tiles. However in certain circumstances the load due to lighting and air distribution fittings may also be supported directly onto the ceiling grid. But great care must be taken to avoid overloading which could result in excessive deflection and/or twisting of the grid.

The following generic details show how service fittings may be integrated within and supported on the grid. It is essential for the specifier to investigate the compatibility of chosen fittings and tile systems so as to ensure unhindered site integration.

### 1. Exposed Grid

Weight transferred to the grid BULB by minimum of two continuous or four discreet support arms.



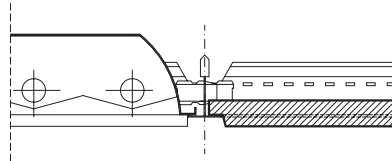
BOARD & TEGULAR [ SP2-001 ]

### 2. Exposed Grid

Weight transferred to the grid FLANGE by minimum of two continuous support arms.

Maximum load of 600x600 fitting = 3 kg

XL2 grid will provide more resistance to eccentric bending.

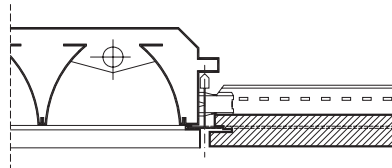


BOARD & TEGULAR [ SP2-002 ]

### 3. Semi-Concealed Grid (Vector Edge)

Weight transferred to the grid BULB by minimum of two continuous or four discreet adjustable support arms.

Fitting frame dimensions must take account of Vector module.

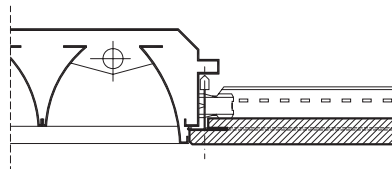


VECTOR [ SP2-003 ]

### 4. Semi-Concealed Grid (SL2 Edge)

Weight transferred to the grid BULB by minimum of two continuous or four discreet adjustable support arms.

Fitting frame dimensions must take account of SL2 module.



SL2 [ SP2-004 ]

#### Notes:

- 1) No fittings should share common main runners or cross tees
- 2) Dynamic fittings such as ducted air diffusers should be independently suspended and not connected directly to the grid
- 3) Information on acceptable service fitting loads are available in the Trulock Suspension Systems brochure or from your local internal technical sales centre.