

## FLAME DETECTOR COVERAGE

The field of view for the Intelligent Base Mounted Flame Detectors is shown in Figure 1. The illustration also includes information on the size of fire detectable at various distances.

The flame detectors can also be ceiling mounted positioned above the anticipated flame source or at the centre of the area to be protected, perpendicular to the floor below. If the detector cannot see the whole of the area to be protected, one or more additional detectors may be required. Figure 2 shows the angle of view to help establish the detectors performance. The area of detection is dependent upon the detectors height above the likely source of flame.

The detectors have a 90° conical field of view or 45° either side of the viewing axis line. The maximum ceiling height is 20m. If the detector is perpendicular to the floor and at a height of 10m, the detector will view a circular floor area below with a 10m radius (20m diameter circle).

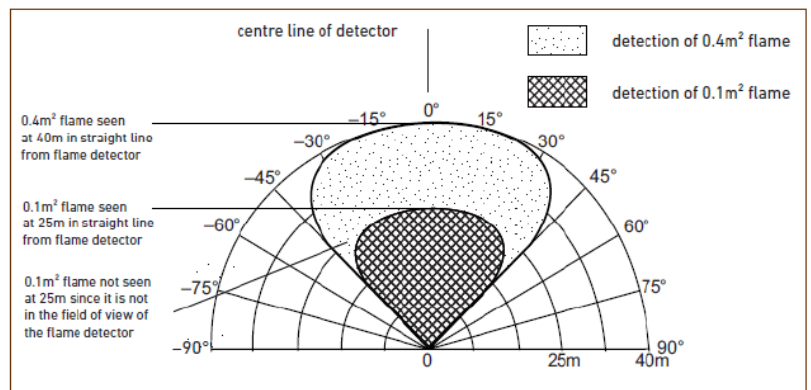


Figure 1: Field of view

