

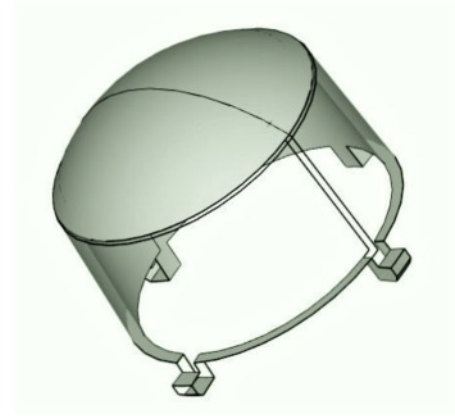
## PF 37

Item Code 9425  
 Drawing Number A3- 40886

Available with different hole patterns, transparent, white, light grey, black and custom colours.

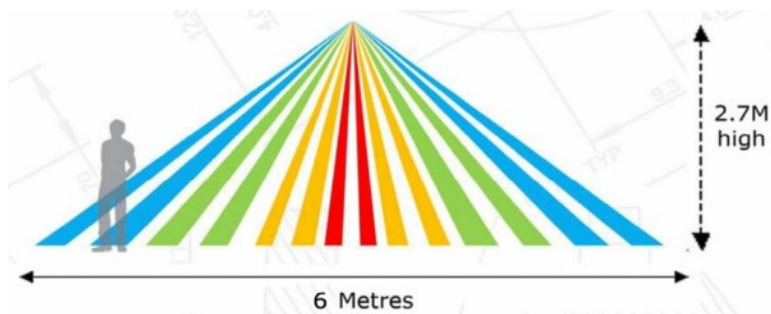
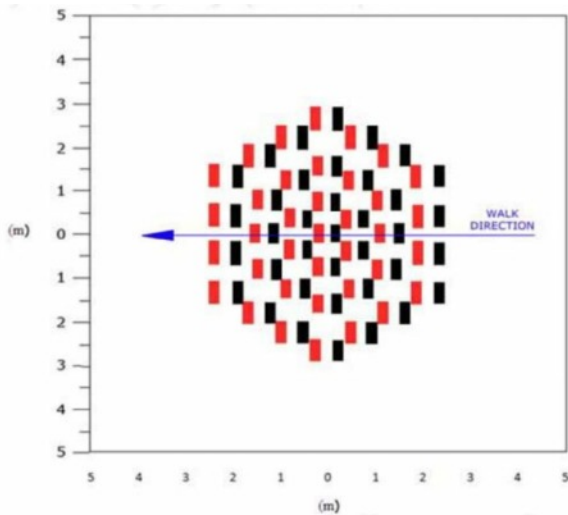
The PF37 Domed multi lens is intended to be ceiling mounted, the 37 Aspheric lenses have been optimised to give even coverage over the whole detection area with minimal zone overlap.

The component also has the added feature of 3 clips that enable the part to be clipped directly onto the PCB, eliminating the need for secondary fixing methods.

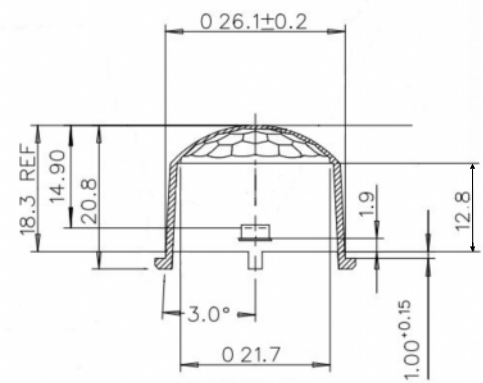
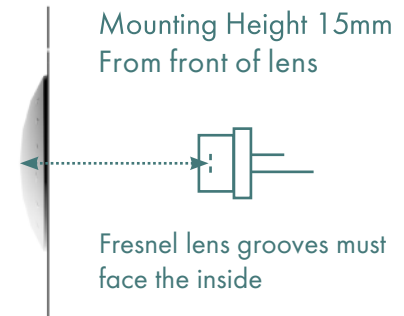


PF 37 Data Sheet

Typical Field of View diagrams when used in conjunction with type Apyro.



Note: Field of view (FOV) diagrams are idealised. Exact zones may depend on mounting conditions, detector type etc. FOV diagrams have been raytraced in reverse, i.e. from detector to the floor.



Making PIR Work

Leading design and manufacture of PIR Lenses



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Compatible Sensor Types	A, F, B	<a href="#">View on Website</a>
Additional Sensor Types*	D*, E*, G*	
Pyro Mounting Height	15mm from front of lens**	
Mounting Height from Floor	2 - 5 metres	
Detection Angle	80°	
Detection Range	2 - 5 metres	
Focal Length	15mm	
Material	Carclo HDPE	
Colours	Natural, White, Light Grey, Black	
Variants	None	
No. of Lenses	37	
Overall Lens Dimensions	26mm diameter	
Overall Part Dimensions	26mm x 18.3mm (20.8mm Incl. pegs)	
Mounting	Wall or ceiling	

\* May work with reduced signal. Recommend trial

\*\* For some lenses the optical distance is critical- e.g. must equal 3.6+-0.1 mm on drawing "Optical Distance" or a spacer under Pyro to achieve correct focal length to lens. Beware of Pyro orientation. Pyro Mounting height (from top surface of optic to element plane on Pyro).

\*\*\* With correct orientation - 90 degree from the drawing on pyro table

\*\*\*\* A one off tooling charge may apply

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