

PF 7

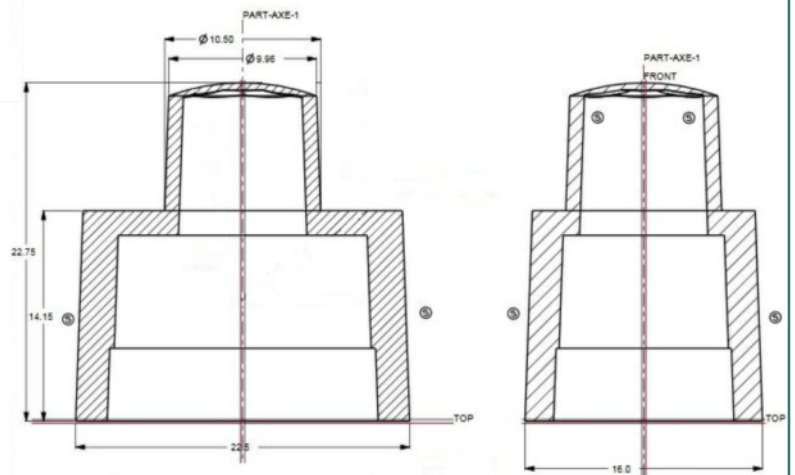
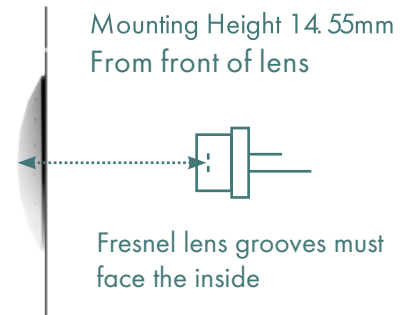
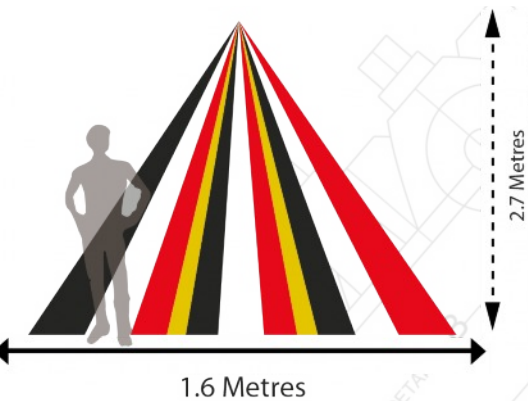
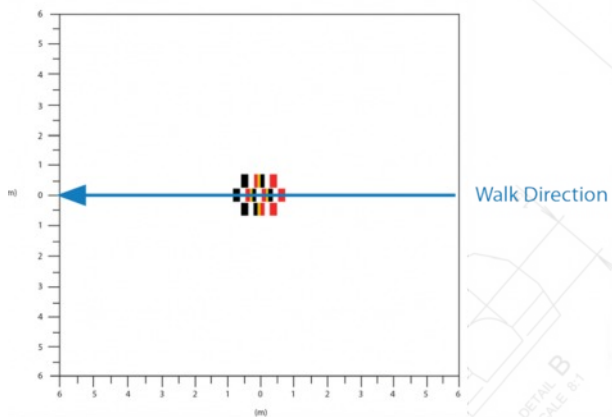
Item Code 9483
 Drawing Number A3 - 40942

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

The PF 7 PIR lens is ideally suited to applications that require a discrete lens. The lens can be ceiling and wall mounted and the narrow detection profile makes it ideal for use in corridors and areas that require narrow angle zone coverage. Due to the small area of the lens, the component is mechanically robust and thus has increased tamper resistance.

The lens is available with or without a base and in a number of colours.

Typical field of view diagram when used in conjunction with type A pyro with dual element configuration at a mounting height of 2.7 metres

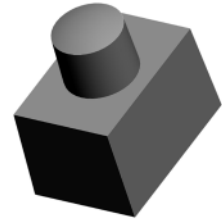


Note: Field of view (FOV) diagrams are idealised. Exact zones may depend on mounting conditions, detector type etc. FOV diagrams have been raytraced in reverse, i.e. from detector to the floor.



Making PIR Work

Leading design and manufacture of PIR Lenses



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Compatible Sensor Types	A	View on Website
Additional Sensor Types*	C*, H***, I*	
Pyro Mounting Height	14.55mm from fron of lens**	
Mounting Height from Floor	2 - 5 metres	
Detection Angle	33°	
Detection Range	2 - 5 metres	
Focal Length	14.55mm	
Material	Carclo HDPE	
Colours	Natural, White, Light Grey, Black	
Variants	With or Without Base	
No. of Lenses	7	
Overall Lens Di mensions	10mm diameter	
Overall Part Dimensions	22.5mm x 16mm x 22mm	
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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