

PF 17

Item Code 12879
 Drawing Number A3 - 60338

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

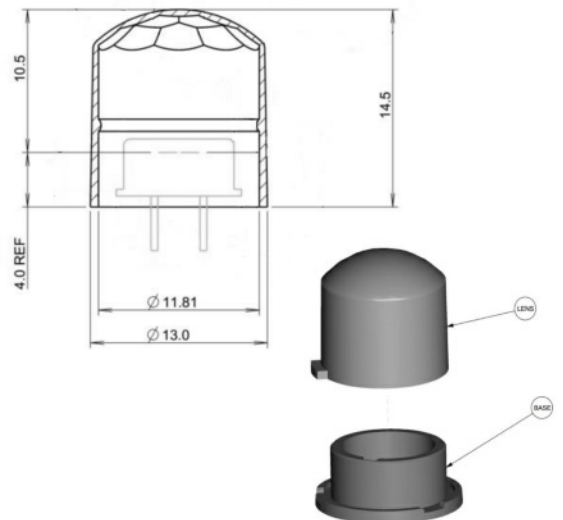
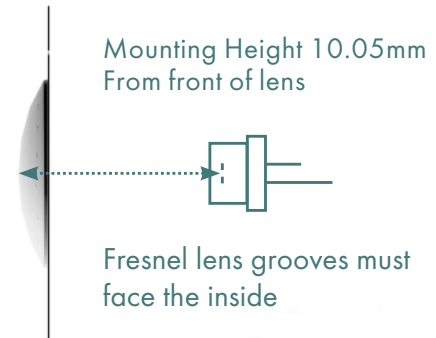
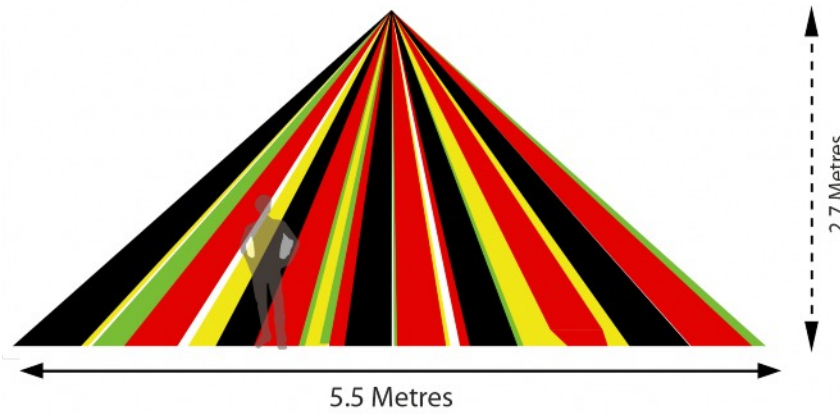
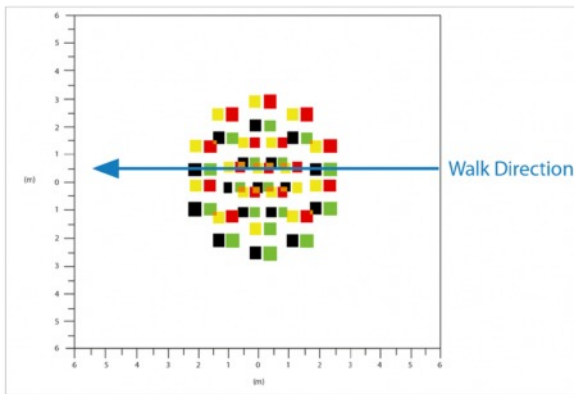
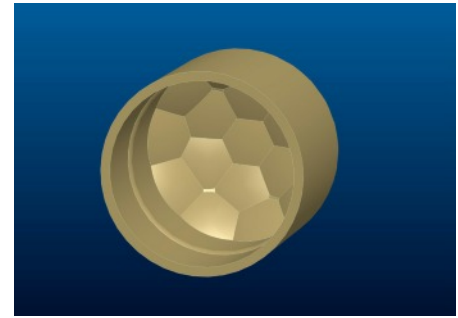
A small and discrete PIR lens with 17 lenses, designed to be used with a Quad detector which will result in 64 detection zones.

The part is mechanically robust and is suitable for ceiling or wall mounting.

The base ensures that the T05 pyro is mounted at the optimal focal length every time.

Typical range of 5m but usable results have been obtained at 10m.

Typical field of view diagram when used in conjunction with Perkin Elmer PYQ5868 Detector with quad 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	E, F, H, A**	View on Website
Additional Sensor Types*	B**, ,I**	
Pyro Mounting Height	10.5mm from front of lens**	
Mounting Height from Floor	2 - 5 metres	
Detection Angle	87°	
Detection Range	5 - 10 metres	
Focal Length	10.5mm	
Material	Carclo HDPE	
Colours	Natural, White, Light Grey, Black	
Variants	With or Without Base (10029)	
No. of Lenses	17	
Overall Lens Dimensions	12mm diameter	
Overall Part Dimensions	12.6mm x 16.5mm	
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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