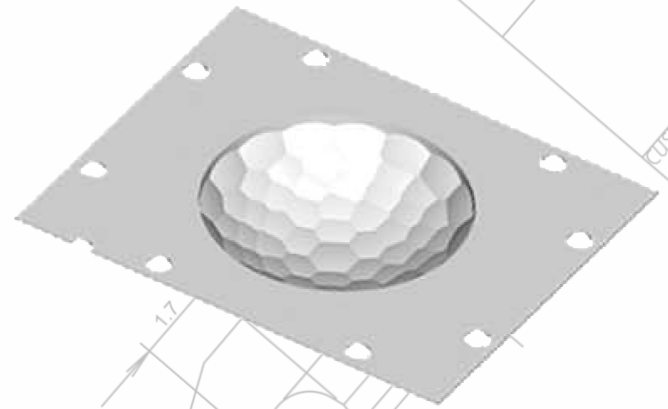


PF68 Ceiling Lens

The PF68 ceiling lens is an improved version of the popular PF31 lens, with more than double the number of zones and virtually no zone overlap. Each of the 68 lens focal lengths have been precisely optimised.

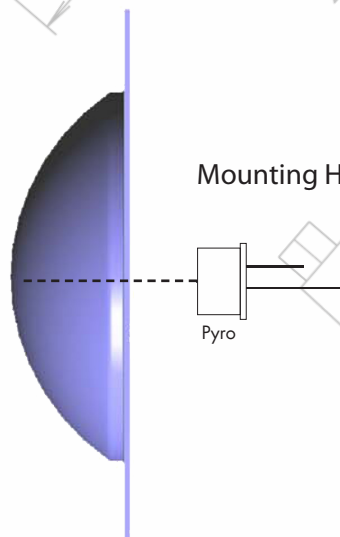
Other features include:

- Improved zone edge sharpness
- Carclo standard mounting holes
- Retro-fit to housings designed for the PF31



Key Features

Pyro mounting height	11.75mm from flange
Detection Angle	104 Degrees
Focal Length	22.5mm
Material	Carclo HDPE
Colours	Natural, White
Variants	Cropped to custom shape
Compatible Detectors	LHI958, LHI906*
No. of Lenses	68

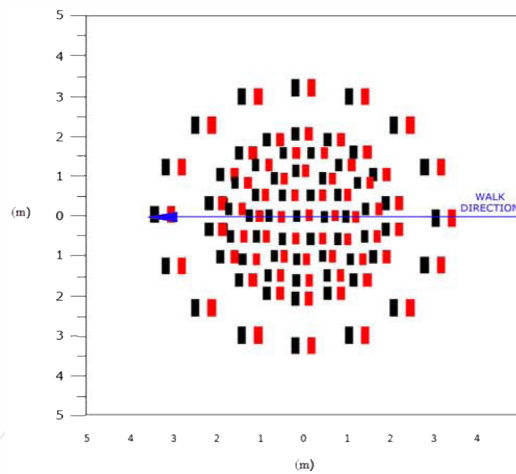


*Other detectors may work, but have not been tested with this lens at the current time.

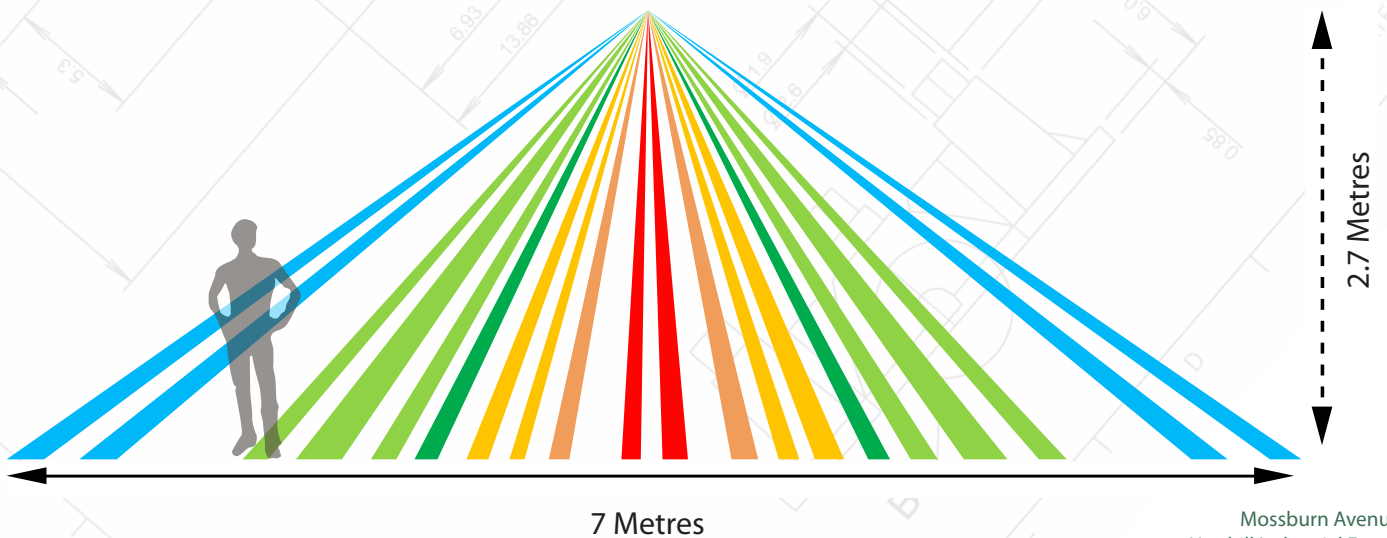
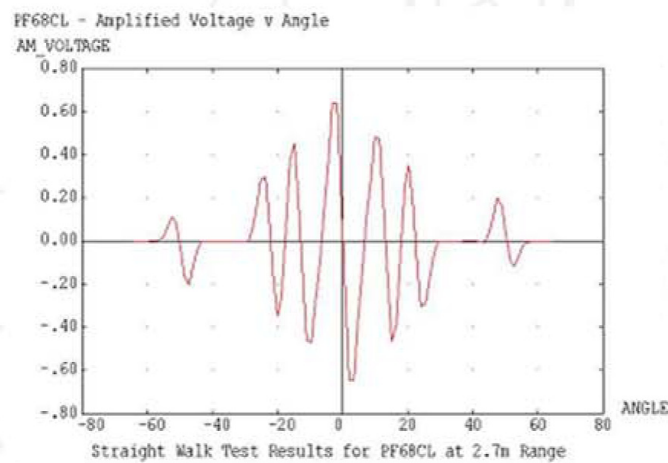
**A one off tooling charge may apply.

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,

Typical field of view diagram when used in conjunction with Perkin Elmer Lhi 958 Detector with dual element configuration at a mounting height of 2.7 metres.



Signal response of Lhi 958 used with PF68 in a straight line walk test simulation. Walk direction is shown by the arrow on field of view diagram above.

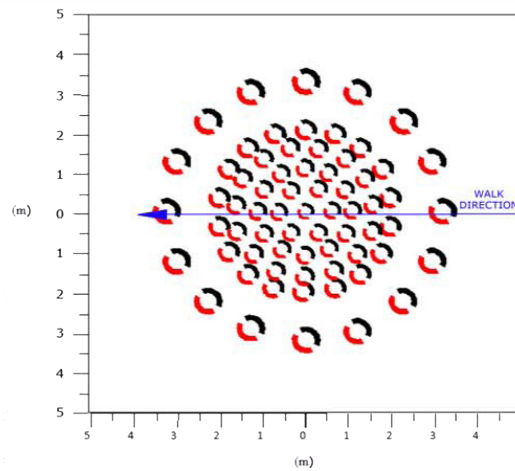


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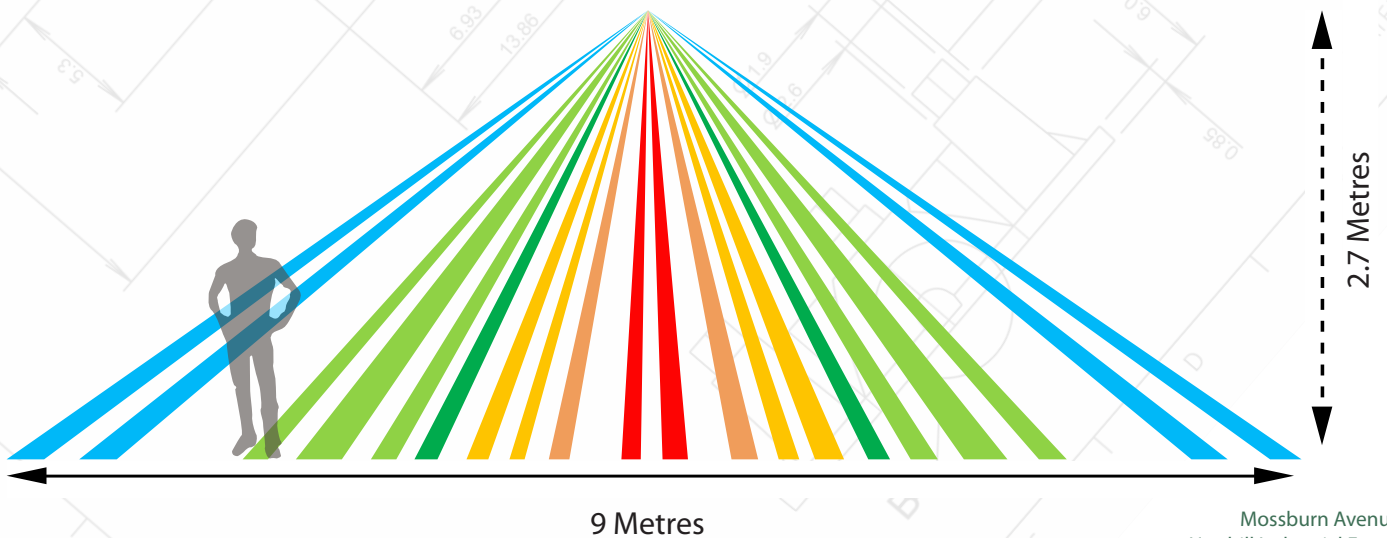
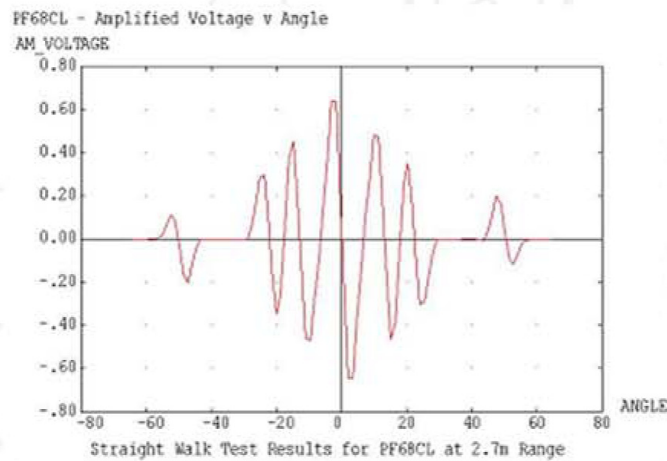
Note: The beam patterns and signal response shown in this datasheet can be greatly effected by detector position and therefore are intended as a general guide only.

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,

Typical field of view diagram when used in conjunction with Perkin Elmer Lhi 906 Detector with dual element configuration at a mounting height of 2.7 metres.



Signal response of Lhi 906 used with PF68 in a straight line walk test simulation. Walk direction is shown by the arrow on field of view diagram above.

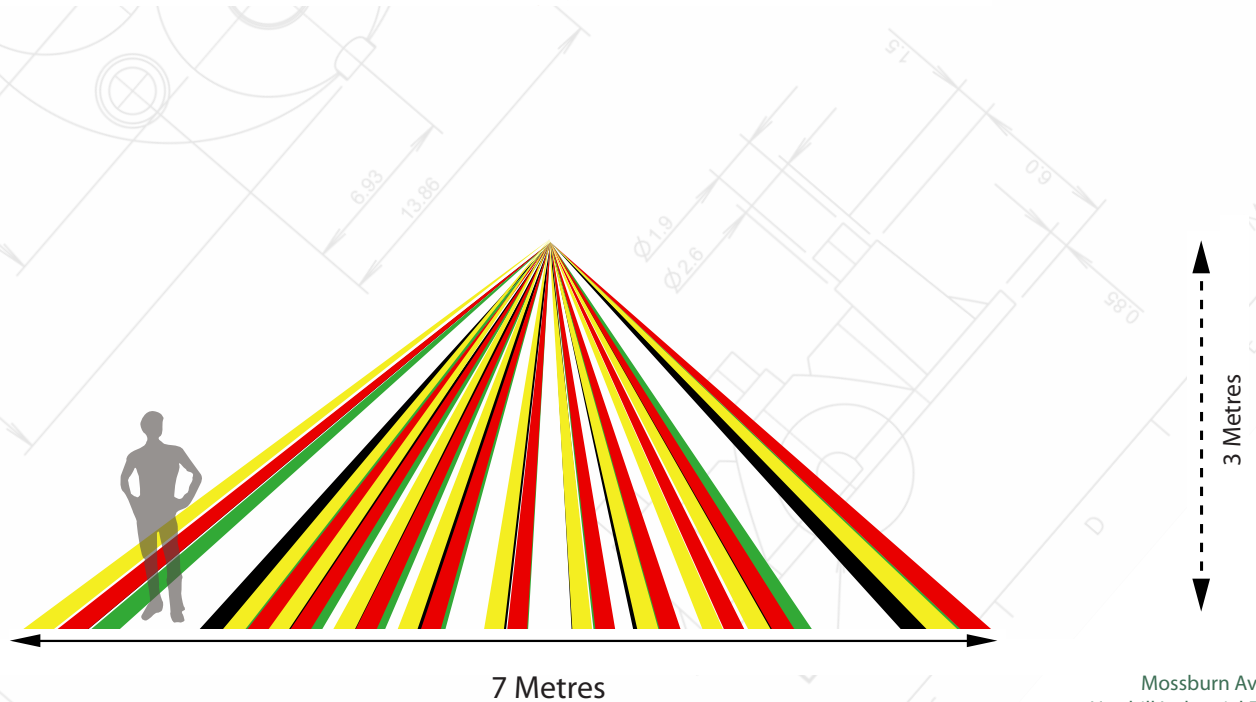
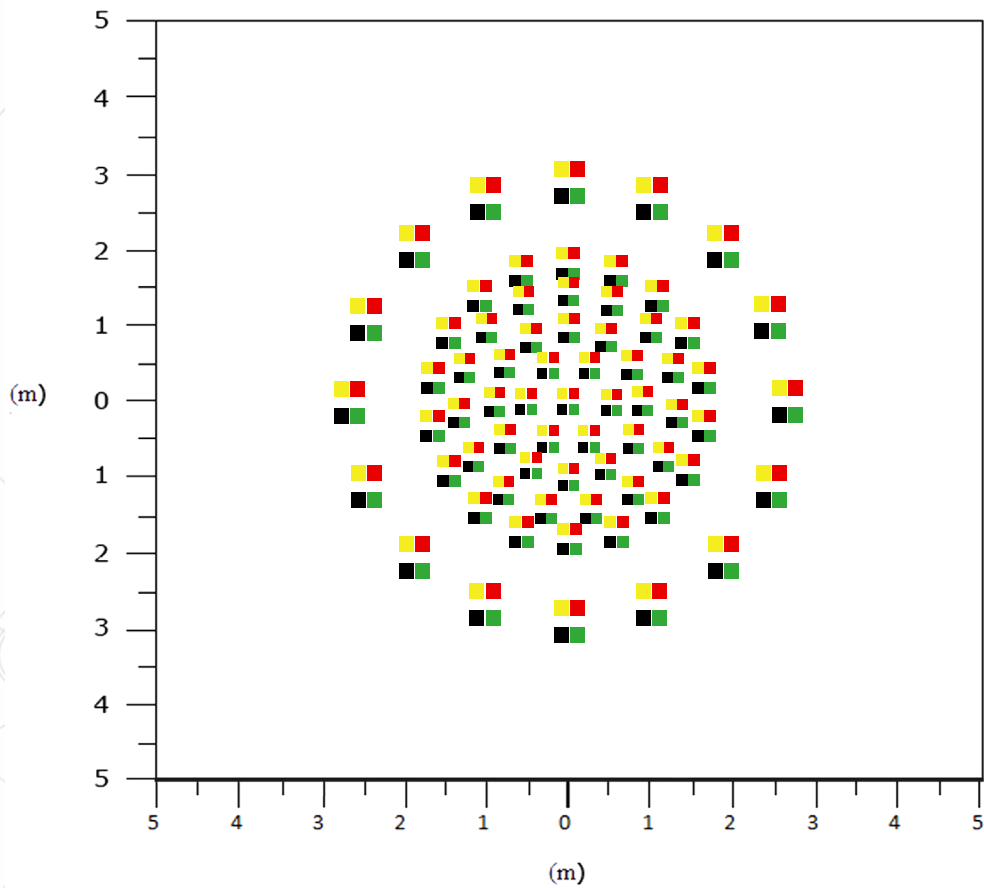


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Note: The beam patterns and signal response shown in this datasheet can be greatly effected by detector position and therefore are intended as a general guide only.

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,

Typical field of view diagram when used in conjunction with Excelitas PYQ 5868 Detector with Quad element configuration at a mounting height of 3 metres.



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Note: The beam patterns and signal response shown in this datasheet can be greatly effected by detector position and therefore are intended as a general guide only.

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,