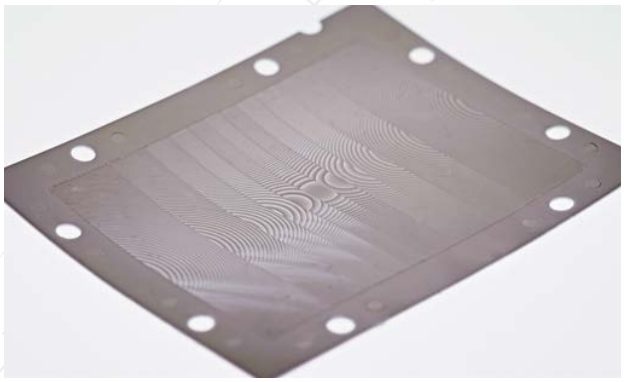
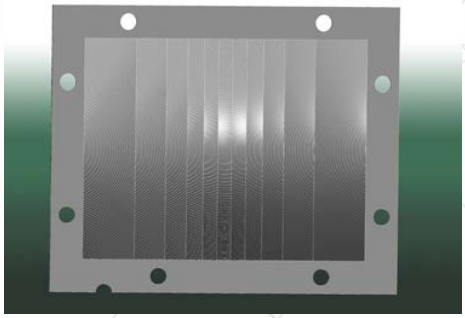
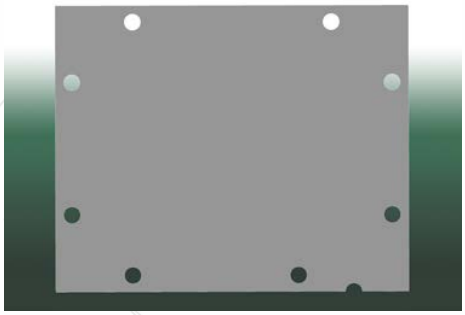
carclo
technical plastics

PF11 HC Lens





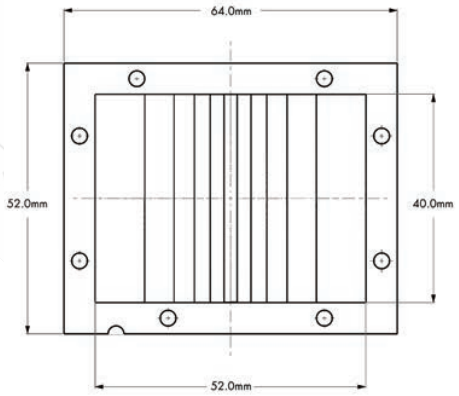


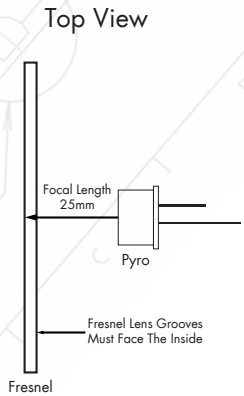
PF 11 HC Produces a horizontal curtain of zones.

- Zones are less than 1 metre in height at a range of 12 metres.
- Ideal for areas were pet immunity is required.
- Carclo Standard lens frame

Key Features

Pyro Mounting Height	25mm From Front of Lens
Detection Angle	90 Degrees
Focal Length	25mm
Material	Carclo HDPE
Colours	Natural, White, Black, Grey
Variants	With or Without Mounting Holes**
Compatible Detectors	LHI 958, LHI 968*
No. of Lenses	11
Overall Lens Dimensions	52mm x 40mm
Overall Part Dimensions	64mm x 52mm x 0.5mm
Mounting	Flat



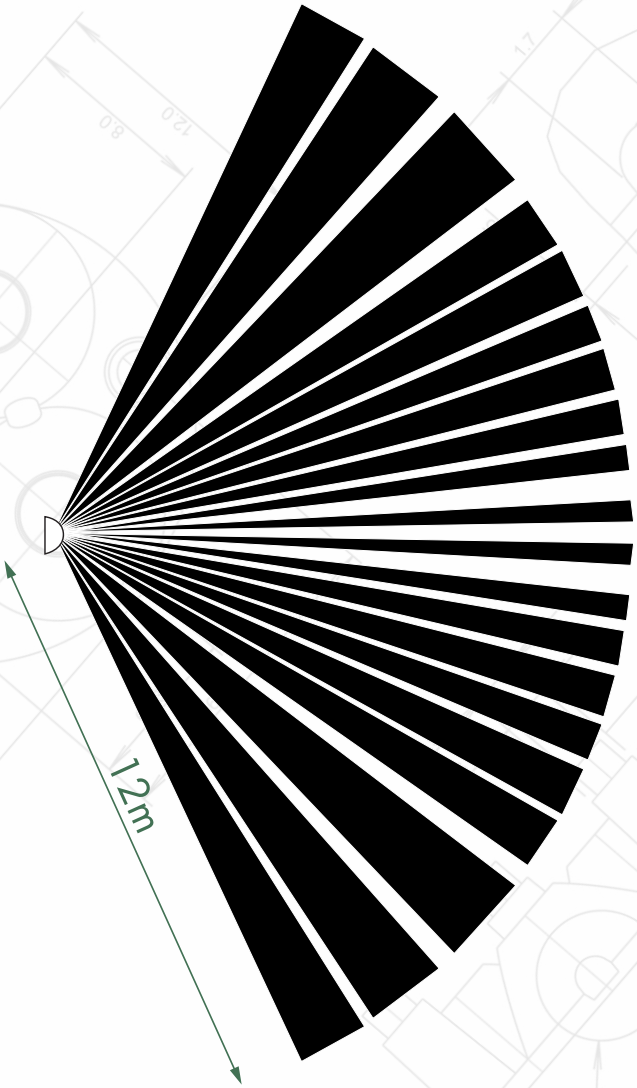


*Other detectors may work, but have not been tested with this lens at the current time.
Note: Field of View (FOV) diagrams are idealised. Exact zones may depend on mounting conditions, detector type etc. FOV diagrams have been raytraced in reverse, i.e. from detector to the floor.
**A one off tooling charge may apply

carclo
technical plastics

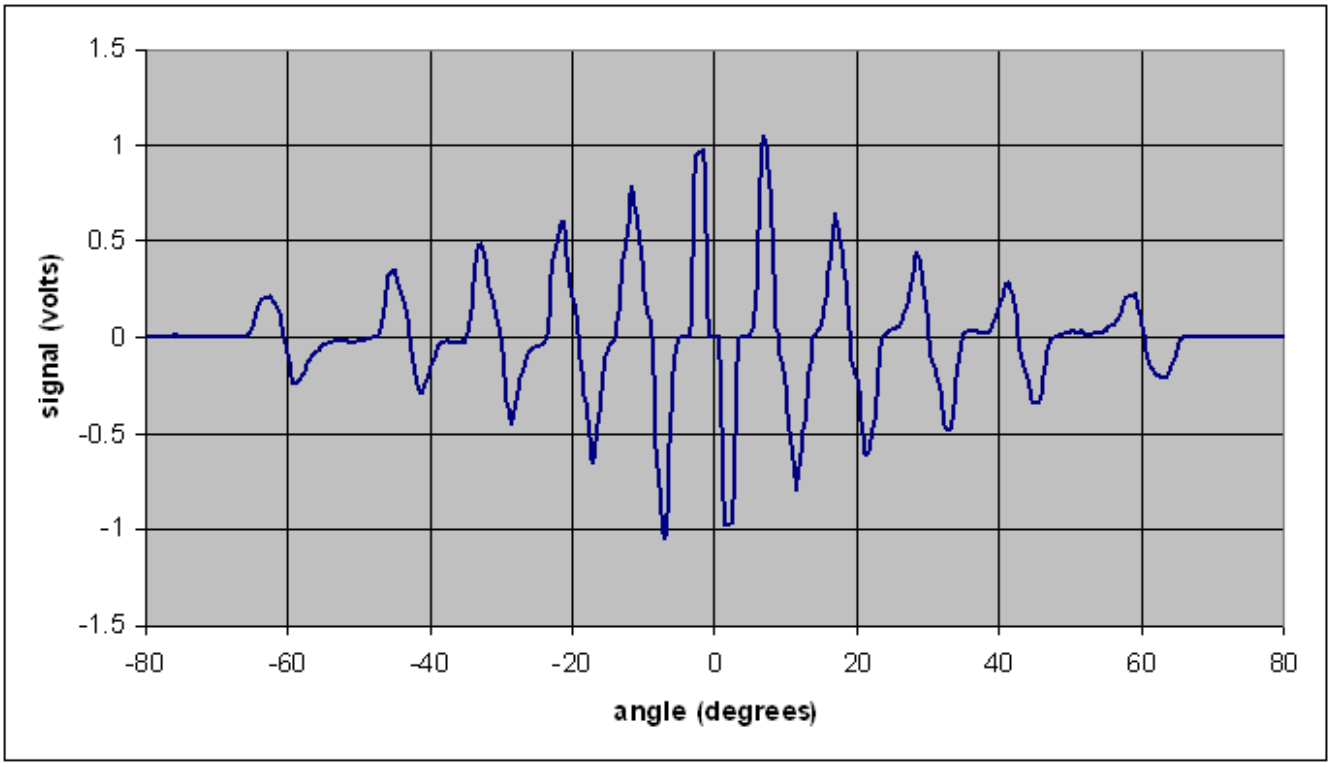
Side View

Typical Field of View diagrams when used in conjunction with
Excelitas LHI 958 pyro



Mossburn Avenue
Harthill Industrial Estate
Harthill, Lanarkshire
ML7 5NP, Scotland
E.mail: grant.hallworth@carclo-plc.com
Tel: +44 (0)1501 751-447
Mob: +44 (0)774 020-5888

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, i.e. from detector to the floor.



Signal response of LHI958 used with PF11 HC in a walk test simulation at 12 metres from the detector. Walk direction is perpendicular to the zones shown in the plan view on previous page.

Mossburn Avenue
Harthill Industrial Estate
Harthill, Lanarkshire
ML7 5NP, Scotland
E.mail: grant.hallworth@carclo-plc.com
Tel: +44 (0)1501 751-447
Mob: +44 (0)774 020-5888

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, i.e. from detector to the floor.