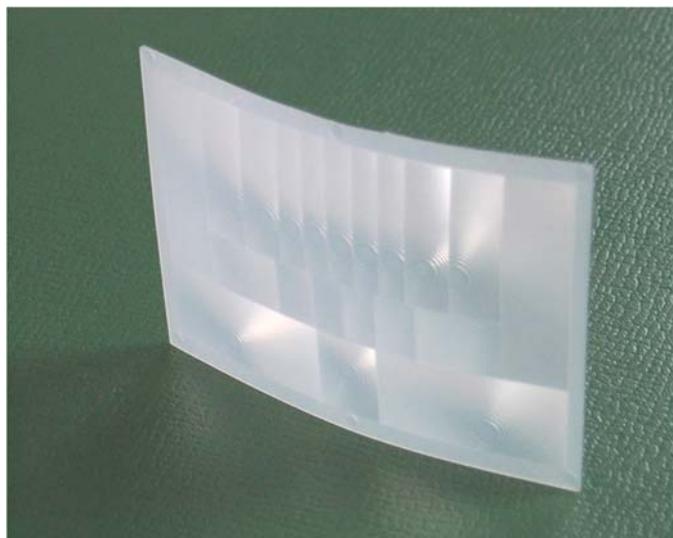


KUBE Fresnel Lens Array TR - 30.5 - PET

Features:

- MultiZone PIR lens for alarms and light switches
- Optimized for the presence of PET animals
- Powerful, for medium range applications
- Wide field of view, dense pattern
- Low false alarm rates



Unlike other PET lenses, the TR-30.5-PET is not just a modified standard lens but was actually designed as a PET lens from the start.

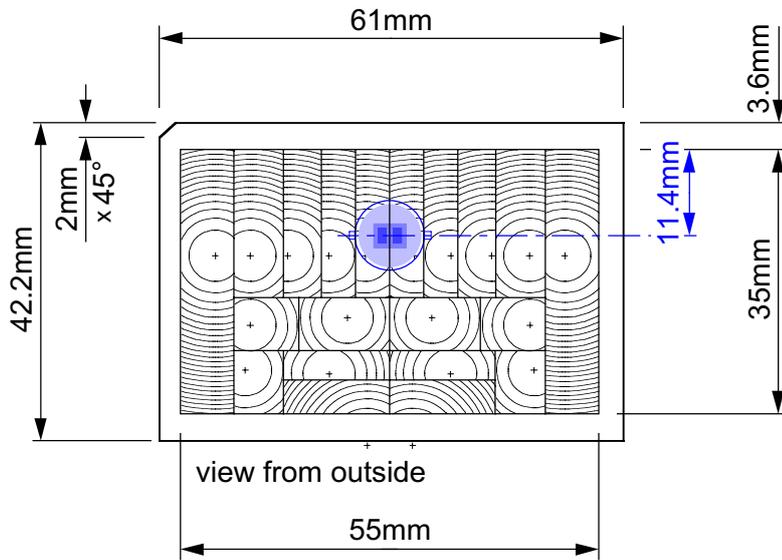
Power of the short range zones is not wasted, but is shifted to the mid/far range, so the total lens area is fully utilized.

Properties

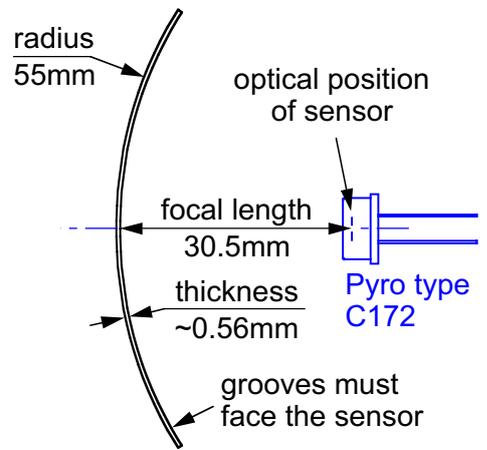
Recommended range	1 - 20 meters
Installation height	2 - 3 meters
Lens elements	20 (10 main, 4 intermediate, 4 short range, 2 creep zone)
Horizontal angle	90°
Vertical angle	-5° / -20° / -30° / -42°
Focal length	30.5mm
Lens material	PIR HDPE, UV stabilized
Colors	natural, other colors on request
Fixation	mechanical on rim, radius 55mm
Ideal to comply with	VdS requirements for intruder alarms

Note: With some degradation in performance, the lens may be used flat or curved with an other radius. A smaller radius will widen the overall viewing angle.

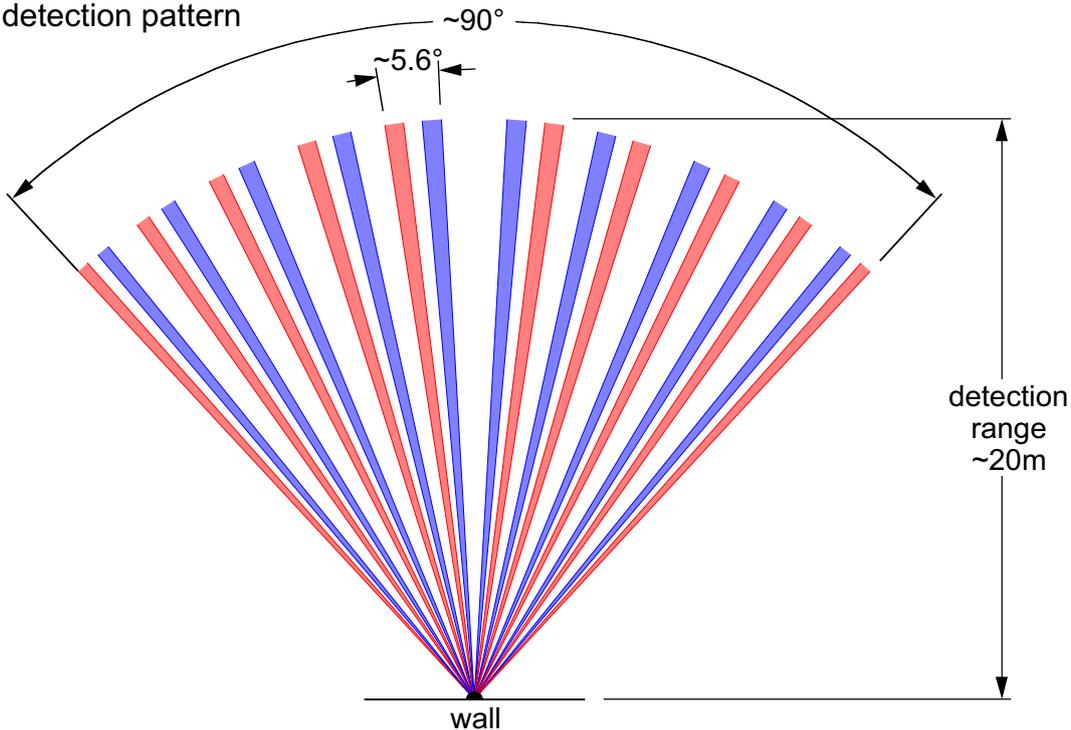
Lens dimensions flat



Placement of Pyro and lens (top view)



Top view of detection pattern



Side view of detection pattern

