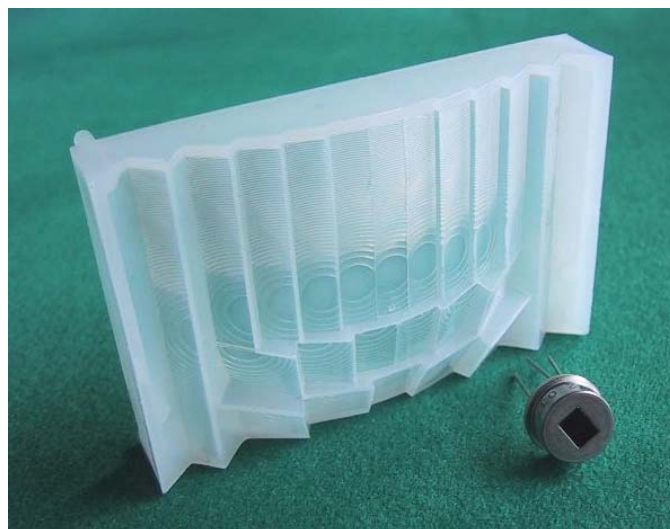


## KUBE Fresnel Box Lens Array TR220

### Features:

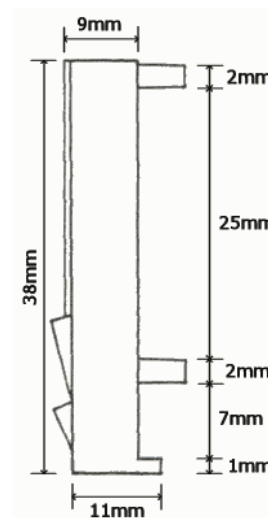
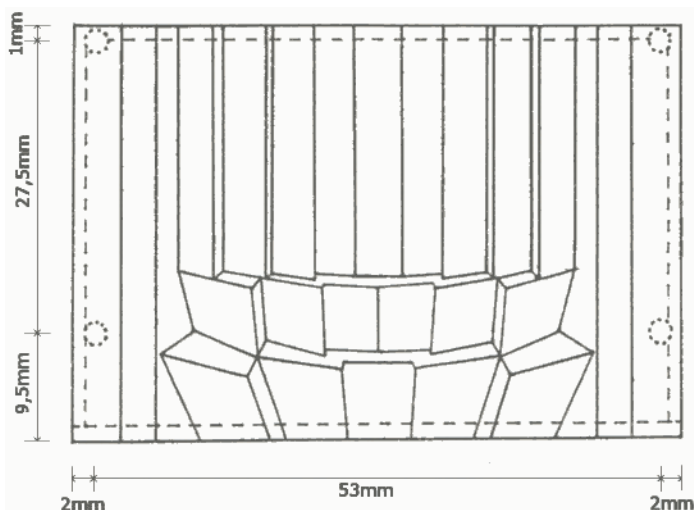
- Powerful, for long range applications
- Perfect image quality on all zones
- Wide field of view
- Low false alarm rates



### Properties

Model Nr.	TR220
Suitable for, range min.	1 meter
Range max.	15 meters
Typical mounting position	Corner of room
Alternative mounting position	Wall mounting
Horizontal angle	95°
Vertical Angle	+0° / -45°
Lens size	40 x 60 mm
Focal length	25 mm
Optional front window	Kube PIR film
1st advantage	Powerful, long range
2nd advantage	Perfect image quality
Ideal to comply with	VdS requirements for intruder alarms

### Drawing

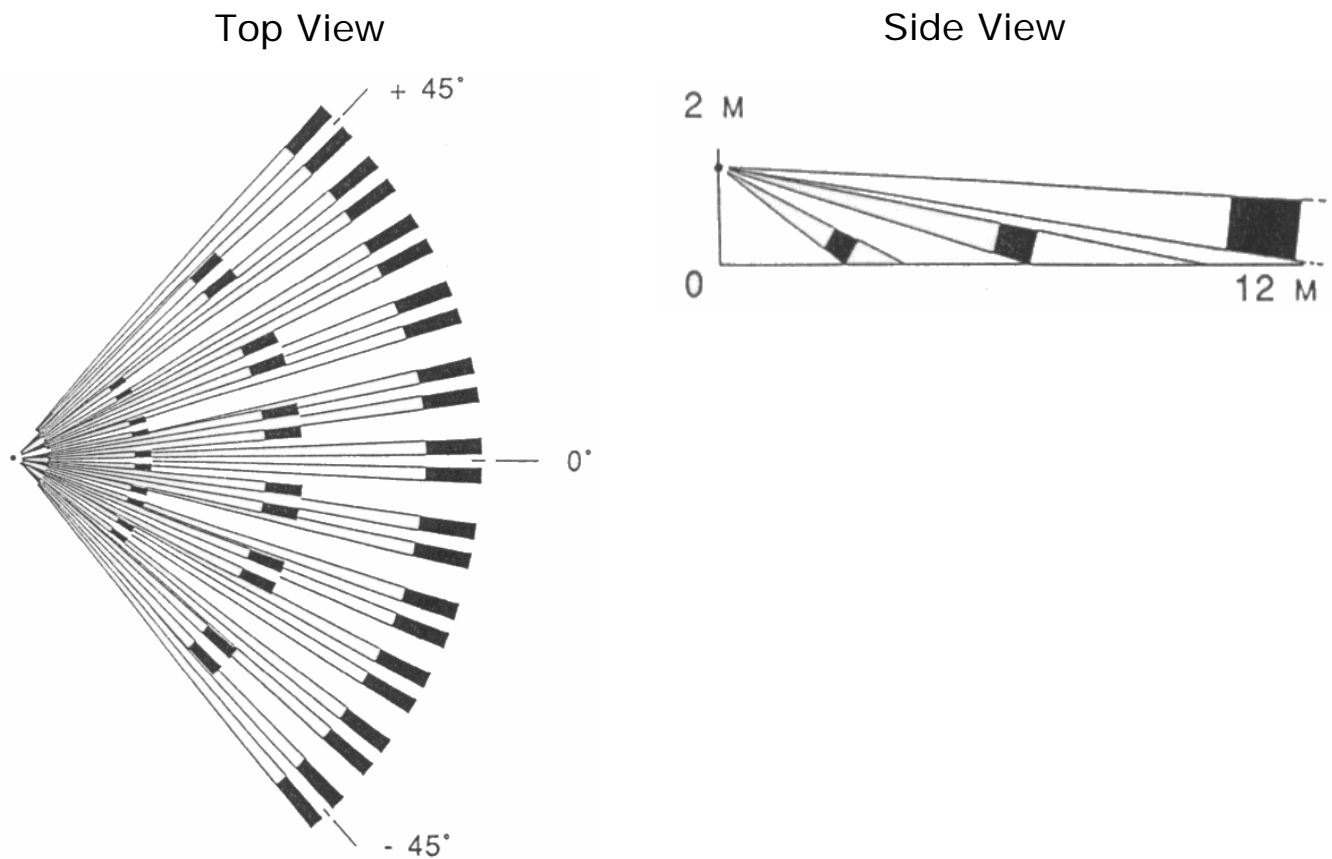


### Sensing Pattern / Volumetric Coverage



22 lens elements	11 main 6 intermediate 5 short range
Lens material	High density polyethylene
Lens to sensor distance	24mm behind the center of the lens
Vertical position of sensor center	23mm above low-side bottom surface
Dowel pin fixing	Star locking washer or heat welding

Field of view



Patent pending