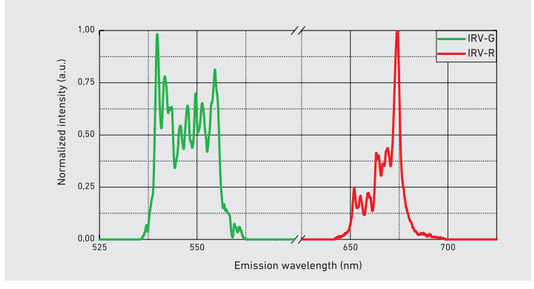
UV-NIR laser beam visualizers



Laser beam visualizers are designed to detect UV and IR both CW and pulsed laser light radiation.
These visualizers are fabricated from aluminum with an organic polycrystal photosensitive region, which enables easy location of UV-VIS-NIR light beams and focal points. As it is not necessary to charge the active region both CW and pulsed laser light will be detected even in darkened room conditions.

Main features

- Wavelength detection from UV to NIR
- Suitable for CW and pulsed laser light
- High sensitivity to laser radiation – 0,1 mW/mm^2
- Damage threshold for pulsed laser – 1 J/cm^2, 10 ns
- Both sides active

Application examples

- Laser alignment
- Research

Standard products

ITEM MODEL	CLEAR APERTURE	DETECTION SPECTRAL RANGE	EMISSION COLOR	THRESHOLD SENSITIVITY	SKU
IRV-R-1	35 mm	190-1090 + 1470-1600 nm	Red	0,01 W/cm^2	7662
IRV-G-1		880-1070 nm	Green	0,02 W/cm^2	7661

Notes

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