

Laser Blinding...

Structure and latest results from our
research project at the
Laserzentrum FH Münster (LFM)

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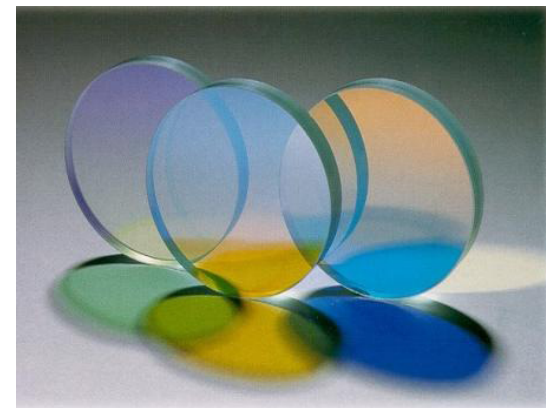
determine measures / intermediate data

- PPE: laser protection glasses
laser protection vizor (Distorted reading of instruments)



Determine measures / intermediate data

- Technical solutions:
 - Coating of screens with dielectric interference coatings
 - Disc material with absorber layers for specific wavelengths
 - night vision camera (low acceptance while testing with military staff)



future prospects

Electro-optical sensor with spectral and spatial filtering – with very quick reaction time - is tested by the federal police flying squadron for protection vizors.

Next step is the testing of this equipment in coating sheets for screens. Results will follow....

BEST: prohibition / restriction on the import, sell or ownership of lasers above a certain power unless authorised (response to the market surveillance by government)

the end is near ☺

- actually the final report isn't still ready
- more activity from the government for import
- higher punishment for criminal offence
- more technical solutions from the industrial manufactures

published standards

1915 – 1	Basic safety requirements
12312- 1	Passenger Stairs
12312 - 2	Catering-Vehicles
12312 - 4	Passenger Boarding Bridges
12312 - 9	Container/Pallet loaders
12312 - 12	Potable water service equipment
12312 - 13	Lavatory service equipment
12312 -14	Disabled/Incapacitated passenger boarding equipment

* proposed publication by CEN and national standards bodies

Thank you for your attention!

Any questions?