

Säde

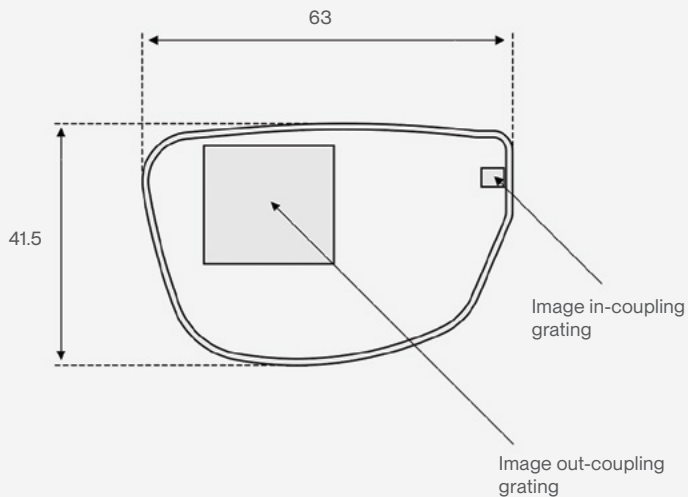
DISPELIX LASER WAVEGUIDE

DESIGNED FOR

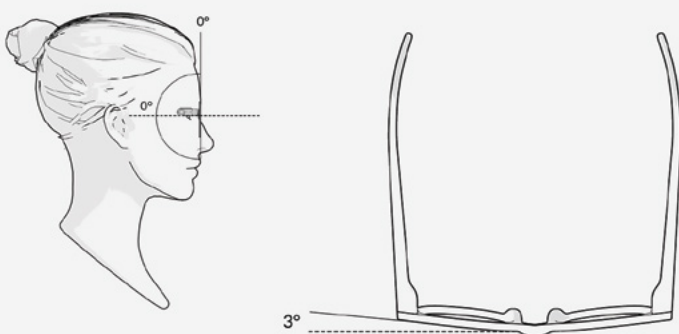
- Laser beam scanning projectors
- RGB compatibility
- Use as information display
- Use as monocular display



LAYOUT



DESIGN



TARGET VALUES

PARAMETER	TYPICAL	UNITS	COMMENT
Center wavelenght	R: 640, G: 520, B: 450	nm	
Input pupil diameter	4.0 × 3.3	mm	
Image focus distance	infinity		
Field of view	25	degree	diagonal
Eye-relief	18	mm	
Eye-box	10 × 10	mm	4mm pupil

Brightness efficiency	100	nits / lumen	target value
MTF	TBD	lp / degree	
Transmittance	82	%	

Dimensions	63.2 × 41.4	mm	
Thickness	0.3	mm	with standard cut
Weight	3	g	with standard cut

Reported optical performance values verified by simulation. Dimensional and weight values reported without waveguide cover glass.

dispelix