

DPX Selvä

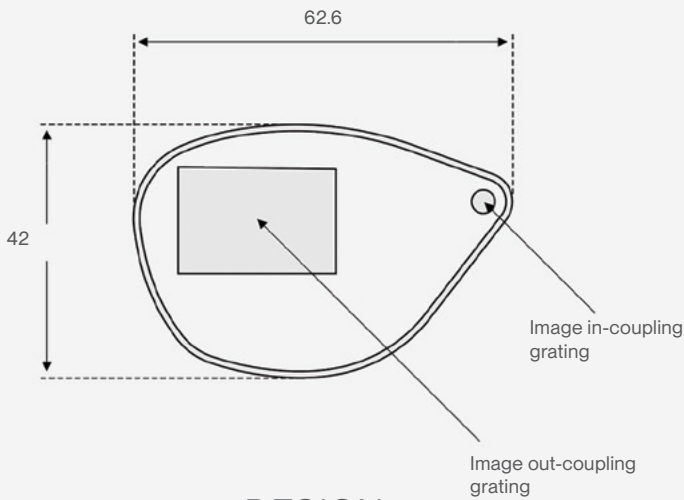
DISPELIX LED WAVEGUIDE



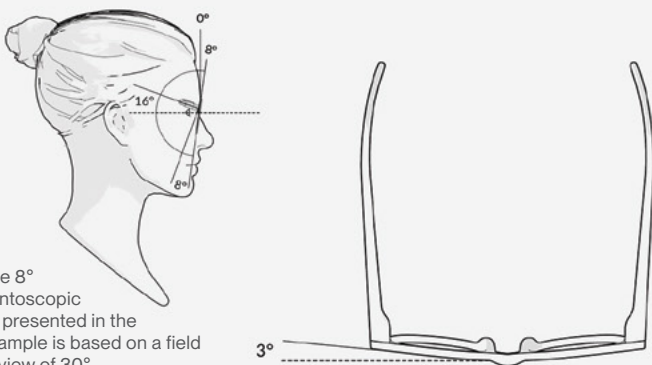
DESIGNED FOR

- DLP, LCoS and microLED projectors
- Rich and vibrant colors
- Exceptional sharpness and detail
- Use as monocular and binocular display

LAYOUT



DESIGN



TARGET VALUES

PARAMETER	TYPICAL	UNITS	COMMENT
Center wavelength	R: 625, G: 525, B: 455	mm	
Input pupil diameter	4	mm	
Image focus distance	infinity		
Field of view	30 40 50	degree	diagonal
Eye-relief	20 16 16	mm	
Eye-box	12.5 × 8 12 × 6 10 × 6	mm	4mm pupil
Monocular	x x		
Binocular	x x x		

Brightness efficiency	310 160 90	nits / lumen	target value
MTF	16	lp / degree	40% contrast, white
Transmittance	82	%	

Dimensions	63 × 42	mm	
Thickness	0.8	mm	with standard cut
Weight	8	g	with standard cut

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

dispelix