



# Dispelix Selvä

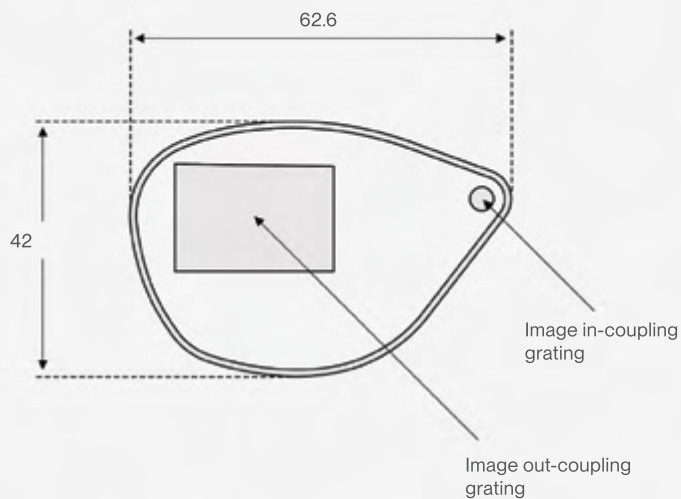
LED WAVEGUIDE

## DESIGNED FOR

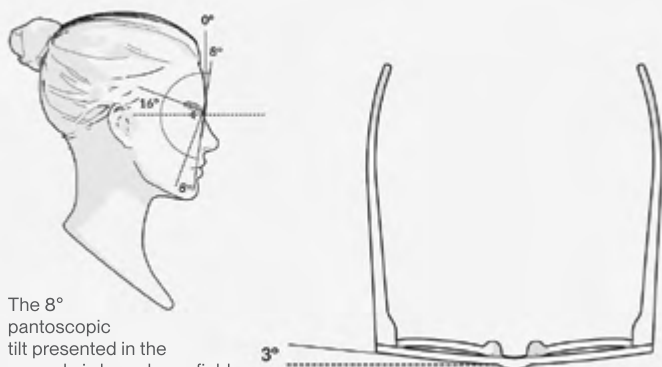
- DLP, LCoS and microLED projectors
- Use as monocular and binocular display
- Rich and vibrant colors
- Exceptional sharpness and detail



## LAYOUT



## DESIGN



## TARGET VALUES

PARAMETER	TYPICAL VALUES	UNITS	NOTE
Center wavelength	R: 625, G: 525, B: 455	nm	
Input pupil diameter	4	mm	
Image focus distance	infinity		
Field of view	30   40   50	degrees	diagonal
Eye relief	20   16   16	mm	
Eyebox	12.5 × 8   12 × 6   10 × 6	mm	4 mm pupil
<i>Monocular</i>	x   x   x		
<i>Binocular</i>	x   x   x		

Brightness efficiency	390   200   120	nits / lumen	target value
MTF	16	lp / degree	33% 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 stated above do not include waveguide cover glass.

dispelix