



# Selvä

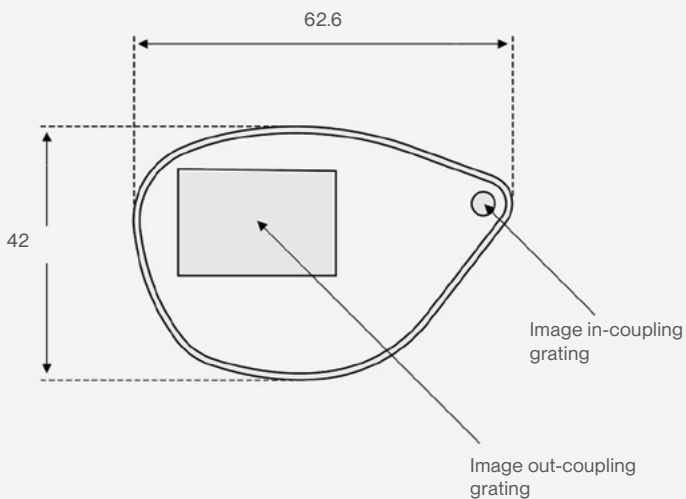
## DISPELIX LED WAVEGUIDE

### DESIGNED FOR

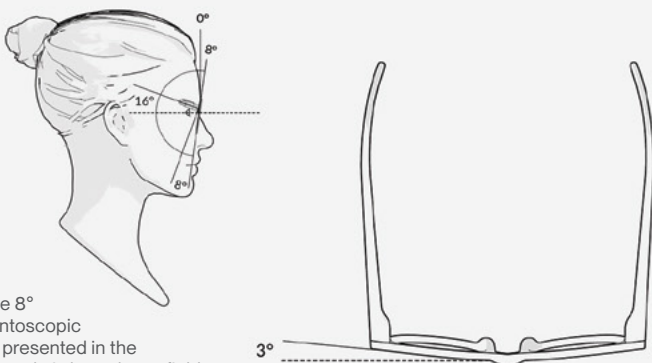
- DLP, LCoS and microLED projectors
- Rich and vibrant colors
- Exceptional sharpness and detail
- Use as monocular and binocular display



### LAYOUT



### DESIGN



The 8° pantoscopic tilt presented in the example is based on a field of view of 30°.

### TARGET VALUES

PARAMETER	TYPICAL	UNITS	COMMENT
Center wavelenght	R: 625, G: 525, B: 455	nm	
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
<i>Monocular</i>	x   x   x		
<i>Binocular</i>	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