Specification Sheet

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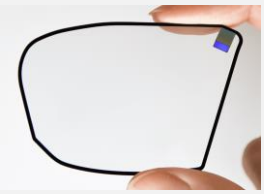
Glass Waveguide G3 – Full Color



Data subject to change without notice

Specifications

Parameter	Value	Unit	Comment
FOV	60	degree	Diagonal (H53 x V32 degree)
Thickness	1.2 (0.0472)	mm (in)	Including cover layer
Eye box size	13 x 12	H x V mm	At 14 mm eye relief (100% image)
Eye relief	5 – 27	mm	Nominal
Transmittance	80	%	–
Efficiency*1	> 200	nits/lm	Center at FOV60. Corresponds to 900 nit/lm at FOV30
Minimum dimensions	55.5 x 38.5	H x V mm	Custom design can be discussed
Image focus distance	Infinity	–	Can be changed to a specific value
Input position	Corner	–	Custom design can be discussed
Input pupil size	3.2	mm	Diameter
Weight	11 (0.0242)	g (lb.)	Depend on design, including cover
Number of waveguide layers	2	Layer(s)	–

**1 Simulation value*

Plastic Green Waveguide

Data subject to change without notice

Specifications

Parameter	Value	Unit	Comment
FOV	≦ 50	degree	Diagonal (H44 x V26 degree)
Thickness	1.0 (0.0393)	mm (in)	Including cover layer
Eye box size	14 x 8	H x V mm	At 14 mm eye relief (100% image)
Eye relief	5 - 28	mm	Nominal
Transmittance	85	%	-
Efficiency*1	> 180	nits/lm	Center at FOV50. Corresponds to 600 nit/lm at FOV30
Minimum dimensions	54.3 x 34.9	H x V mm	Custom design can be discussed
Image focus distance	Infinity	-	Can be changed to a specific value
Input position	Corner	-	Custom design can be discussed
Input pupil size	1.5	mm	Diameter
Weight	3.0 (0.00661)	g (lb.)	Depend on design, including cover
Number of waveguide layers	1	Layer(s)	-

**1 Simulation value*

Plastic Waveguide G1 – Full Color

Data subject to change without notice

Specifications

Parameter	Value	Unit	Comment
FOV	30	degree	Diagonal (H44 x V26 degree)
Thickness	1.2 (0.0472)	mm (in)	Including cover layer
Eye box size	10 x 10	H x V mm	At 14 mm eye relief (100% image)
Eye relief	5 – 42	mm	Nominal
Transmittance	85	%	–
Efficiency*1	> 600	nits/lm	Center at FOV30
Minimum dimensions	43.2 x 29.3	H x V mm	Custom design can be discussed
Image focus distance	Infinity	–	Can be changed to a specific value
Input position	Corner	–	Custom design can be discussed
Input pupil size	3.7	mm	Diameter
Weight	3.6 (0.00793)	g (lb.)	Depend on design, including cover
Number of waveguide layers	1	Layer(s)	–

**1 Simulation value*