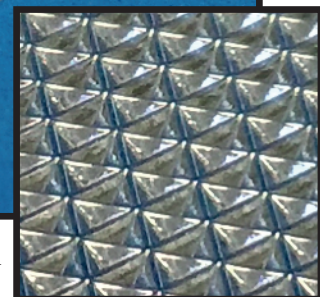
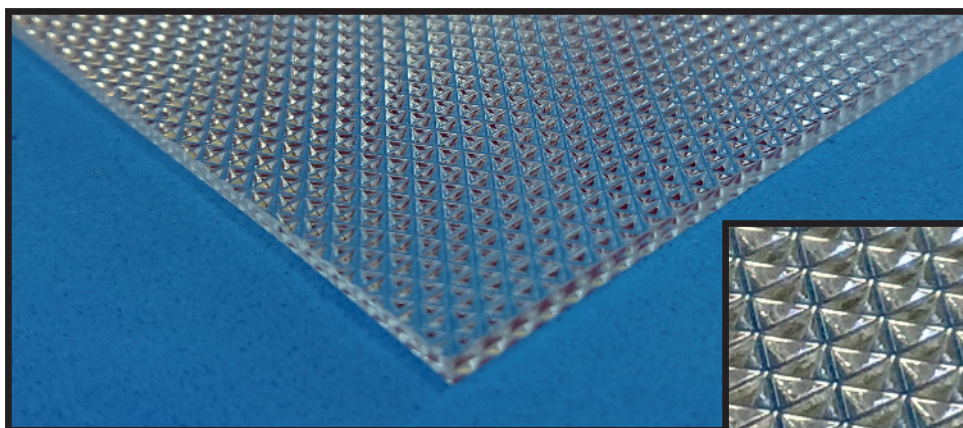




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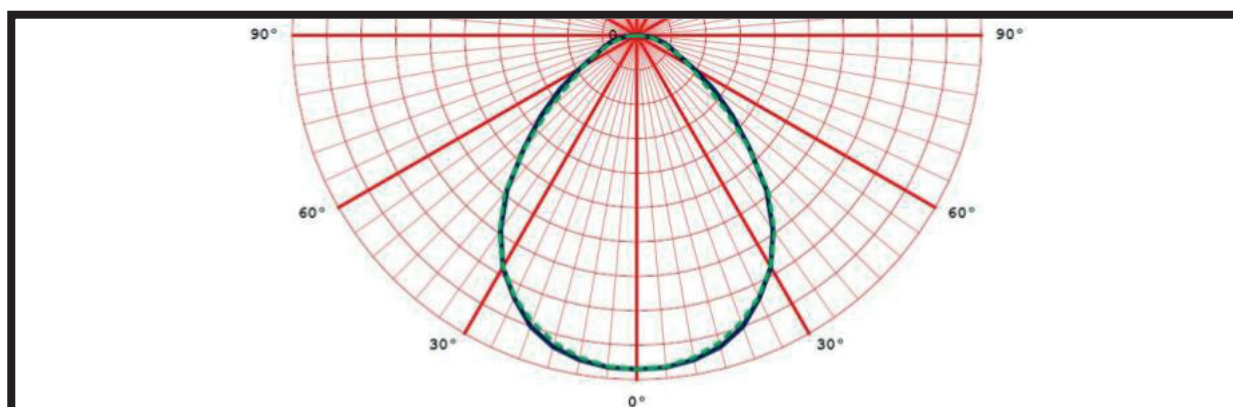
P52-De-Glaring Prism PMMA



SLP (UK) LTD's New P52-DGP (De-Glaring Prism). Compliance to UGR (unified glare rating) specifications is checked by reference to the standard corrected UGR table produced to CIE 117. Performance of any luminaire in terms of UGR table will depend on a combination of the luminous output of the luminaire and its luminous area. A large luminous area will achieve low UGR values at a relatively high lumen output. A small luminous area will only achieve low UGR values at a low lumen output.

For a typical office scenario BS EN 12464 specifies 300 – 500 Lux average maintained illuminance at 0.6 Uniformity and UGR limit 19. In a typical 600 x 600 mm recessed ceiling layout a luminaire with an output of about 3500 Lumens through a luminous area of 585 mm x 585 mm in a 2.4 m x 2.4 m grid pattern will produce average illuminance of 500 Lux at UGR-19.

	P52-DGP
Material	Acrylic (PMMA)
Pattern	De-Glaring
Thickness	2 mm
Tolerance on Thickness	+/-10%
Light Transmission	84%
Colours Available	Clear
Panel Size	3050 x 1250 mm



LED Lenses

S.L.P. UK Limited, 11 Faraday Road, AYLESBURY, Bucks, HP19 8RY, England
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To Achieve UGR 19 Compliance as standard CIE 117 table shown.

Luminaires must have Lumen output / Luminous area combination in the green area of the graph below.

For instance with a Luminous area of $585 \times 585 \text{ mm} = 0.34 \text{ m}^2$ the maximum lumen output to achieve UGR table above would be 3950 Lumens.

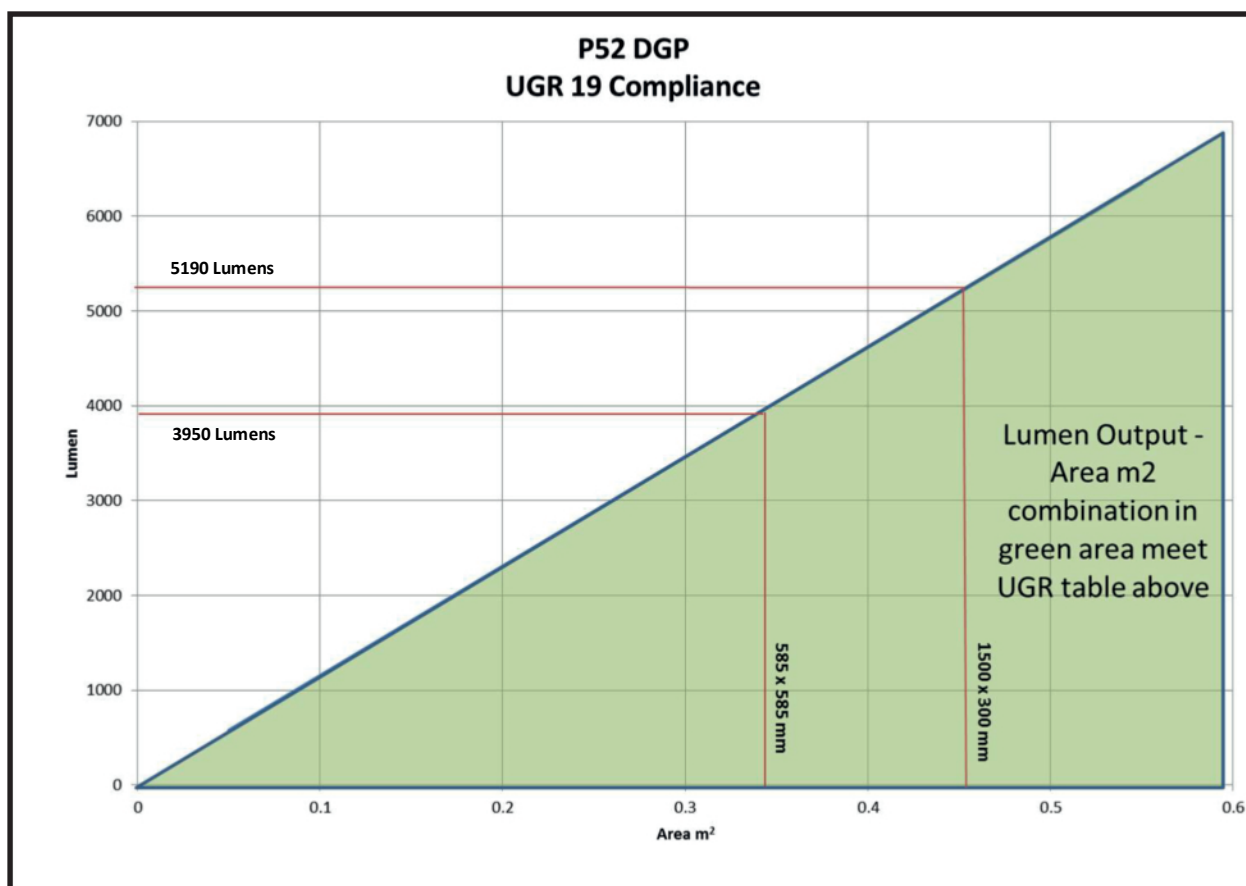
Similarity a 1500×300 luminaire would have a maximum lumen output of 5190 Lumens

P52-De-Glaring Prism

P52-DGP Acrylic Luminaire Details

($585 \times 585 \text{ mm}$ Luminous area, 3950 Lumen Output)

Room Dimension x/y		Viewed Crosswise 0°					Viewed Endwise 90°				
2H	2H	15.2	16.6	15.5	16.9	17.3	15.1	16.5	15.4	16.9	17.2
	3H	16.0	17.3	16.4	17.6	18.0	15.9	17.2	16.3	17.6	17.9
	4H	16.4	17.7	16.8	18.0	18.4	16.3	17.5	16.7	17.9	18.2
	6H	16.9	18.0	17.3	18.4	18.8	16.7	17.8	17.1	18.2	18.6
	8H	17.0	18.1	17.4	18.5	18.9	16.8	17.9	17.2	18.2	18.6
	12H	17.2	18.2	17.6	18.6	19.0	16.9	17.9	17.3	18.3	18.7
4H	2H	15.5	16.7	15.9	17.1	17.5	15.4	16.7	15.8	17.0	17.4
	3H	16.5	17.6	16.9	18.0	18.4	16.5	17.5	16.9	17.9	18.3
	4H	17.2	18.1	17.6	18.5	18.9	17.0	18.0	17.5	18.4	18.8
	6H	17.7	18.5	18.2	19.0	19.4	17.5	18.3	18.0	18.8	19.2
	8H	17.9	18.7	18.4	19.1	19.6	17.8	18.5	18.2	19.0	19.4
	12H	18.2	18.9	18.6	19.3	19.8	18.0	18.7	18.4	19.1	19.6
8H	4H	17.3	18.1	17.8	18.5	19.0	17.2	18.0	17.7	18.5	18.9
	6H	18.0	18.7	18.5	19.1	19.6	17.9	18.6	18.4	19.0	19.5
	8H	18.4	19.0	18.9	19.5	20.0	18.3	18.9	18.8	19.4	19.9
	12H	18.7	19.2	19.2	19.7	20.2	18.6	19.1	19.1	19.6	20.1
12H	4H	17.4	18.1	17.9	18.5	19.0	17.3	18.0	18.0	18.4	18.9
	6H	18.1	18.7	18.7	19.2	19.7	18.0	18.6	18.6	19.1	19.6
	8H	18.5	19.0	19.0	19.5	20.0	18.4	18.9	18.9	19.4	19.9



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