

## BWF conePRISM sheet

### Optimum glare control & modern design

Our latest glare control structure convinces through **perfect light control** combined with a modern and delicate design. The highly precise structure with its **homogeneous appearance** creates optimum conditions at work stations.

Thanks to the large sheet format, there are countless design options, whether square, angular or round cuts.

#### APPLICATIONS

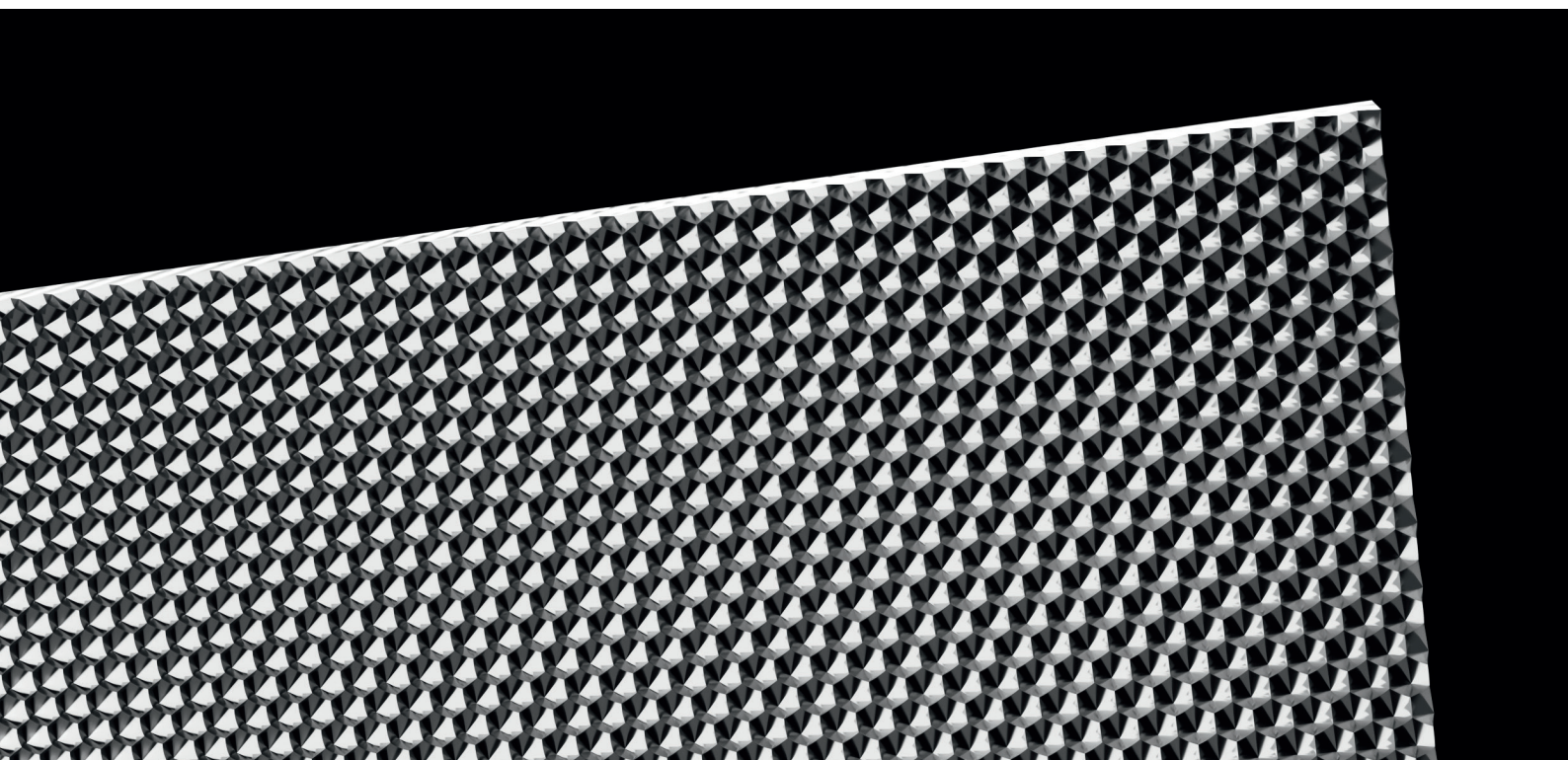
- excellent lighting for workstations
- glare-reducing luminaires
- architectural light lines and ceilings

#### YOUR ADVANTAGES AT A GLANCE

- for lighting purposes UGR < 19
- optimum lighting for workstations
- uniform, all-round glare control in all C-levels
- perfect in combination with our diffusion foils

#### PRODUCT INFORMATION

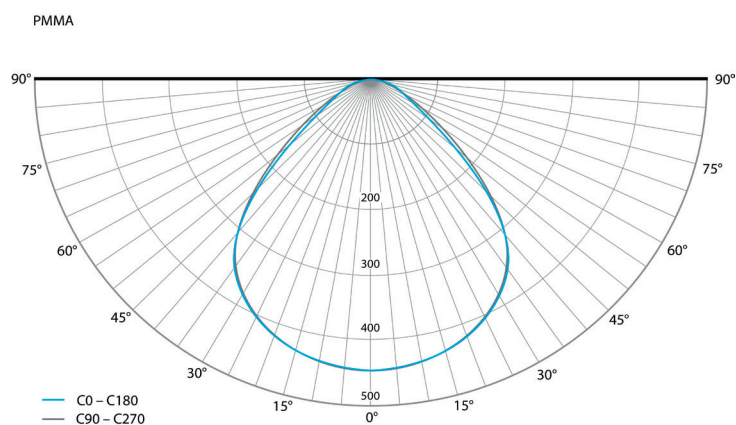
<b>Material</b>	PMMA
<b>Wall thickness</b>	1.5 and 2.0 mm
<b>Available colours</b>	– clear – individual colouring on request
<b>Format</b>	1250 x 2450 mm individual cutting lengths on request



## TECHNICAL SPECIFICATIONS

OPTICAL CHARACTERISTICS	Unit	NORM	PMMA
Transmission (3 mm)	%	DIN 5036-3	92
UGR*			18.8
Half-value angle*	C 0 / C 90		93 / 93

## LIGHT DISTRIBUTION CURVE\*



MECHANICAL CHARACTERISTICS	Unit	NORM	PMMA
Tensile modulus	MPa	DIN EN ISO 527-1-3	3200
Yield stress	MPa	DIN EN ISO 527	73 (5 mm / min)
Nominal strain	%	DIN EN ISO 527	3.5 (5 mm / min)
Charpy impact resistance (23 C)	kJ/m <sup>2</sup>	ISO 179 / 1eU	20

THERMAL CHARACTERISTICS	Unit	NORM	PMMA
Heat deflection temperature (1,80 MPa)	°C	ISO 75-1/-2	95
Coefficient of linear expansion (lengthwise)	E-4/K	ISO 11359-1/-2	0.8
Glow wire test	°C	IEC 60695-2-11	650

PHYSICAL CHARACTERISTICS	Unit	NORM	PMMA
Moisture absorption	%	similar to ISO 62	0.6
Density	kg/m <sup>3</sup>		1.18

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\*Lighting area 600 x 600 mm – 5200 lumen