

## **BWF** colour**LED**® Polycarbonate

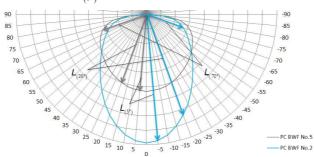
If not stated otherwise, the given values result from tests which were realised using standardised specimen at room temperature. The given figures are indications only and therefore not binding. Please note the properties can be significantly affected by the tooling, the processing conditions as well as by the tolerances which are given due to the material.

Optical Characteristics *	Unit	Standard	Data		
BWF colourLED® white			No. 1	No. 2	No. 5
Transmission $\mathcal{T}$ (A)	%	DIN 5036-3	85.0	75.0	65.0
Half-life angle γ	0	DIN 5036-3	19.0	46.0	77.0
Diffusion $\sigma$		DIN 5036-3	0.31	0.58	0.78

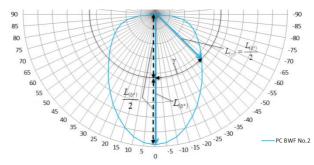
 $<sup>{\</sup>cal T}$  Measured with standard light A, specimen for all tests: wall thickness 2 mm

## **Explanation**

Definition Diffusion σ:  $\sigma = \frac{L_{(20^\circ)} + L_{(70^\circ)}}{2L_{(5^\circ)}}$ 



Definition half-life angle  $\gamma$ :  $L_{(\gamma)} = \frac{L_{(0^\circ)}}{2}$ 



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The above stated information as well as our technical support (spoken and written and including physical tests) are given to the best of our knowledge, however, they are not binding. Our service does not discharge you of the duty to test the product and our recommendations yourself - especially our data sheets and the technical information - regarding their suitability for intended usage. Application, usage and processing of our products and the products realised with them by you cannot be monitored by us, hence you, as our customer, assume every liability. We sell our products in accordance with our latest General Terms and Conditions.

<sup>\*</sup> The test were realised by an external, independent and accredited institute