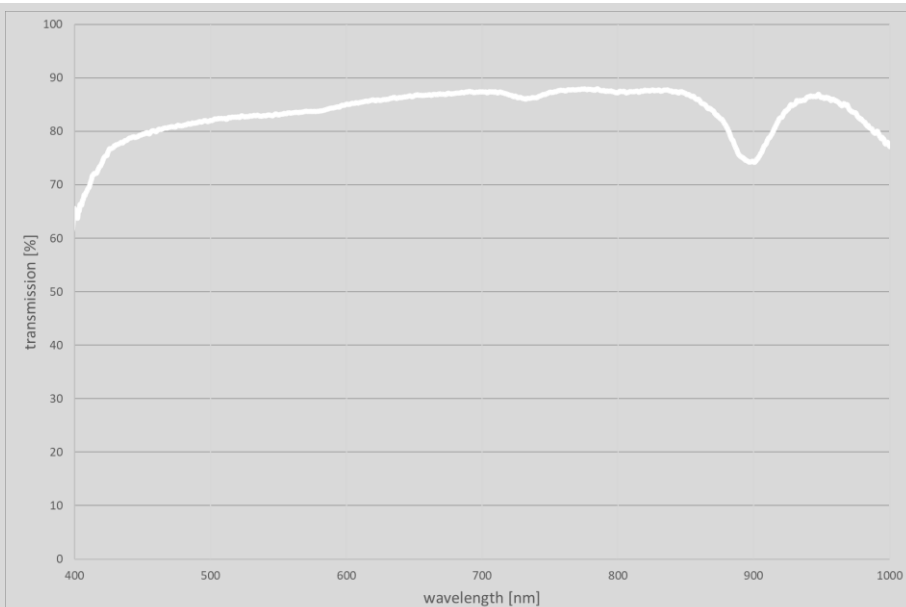


Overview

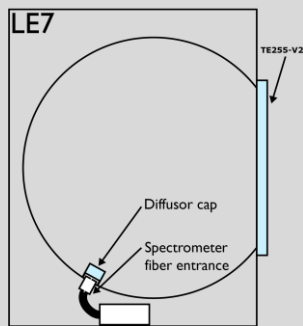
Product name	TE255-V2 D
Principle	<p>Test chart to determine the shading/vignetting of a digital camera. The transparent chart provides a very precise and neutral transmission. It can be used in combination with an integrating sphere or a light box.</p> <p>The chart has a one-sided matte surface which must be positioned in the direction of the camera during measurement.</p>

Features

Shading

Type of pattern	Uniform																
Transmission	84% for 400 – 800 nm																
Spectral distribution	 <table border="1"><caption>Approximate data points from the spectral distribution graph</caption><thead><tr><th>wavelength [nm]</th><th>transmission [%]</th></tr></thead><tbody><tr><td>400</td><td>65</td></tr><tr><td>500</td><td>85</td></tr><tr><td>600</td><td>85</td></tr><tr><td>700</td><td>88</td></tr><tr><td>800</td><td>88</td></tr><tr><td>900</td><td>75</td></tr><tr><td>1000</td><td>78</td></tr></tbody></table>	wavelength [nm]	transmission [%]	400	65	500	85	600	85	700	88	800	88	900	75	1000	78
wavelength [nm]	transmission [%]																
400	65																
500	85																
600	85																
700	88																
800	88																
900	75																
1000	78																

General description hardware

Type	Transmissive (D)		
Aspect ratio	Flexible		
Chart size tolerances	+/- 2 mm as they are handmade in house and depends on edge protection type		
Chart size [W x H x D]		W [mm]	H [mm]
	D280	360	280
	D240	320	290
	D240S	360	280
	D205	253	202
	D120	155	135
	D35	50	50
Picture size		W [mm]	H [mm]
	D280	324	244
	D240	284	254
	D240S	324	244
	D205	217	166
	D120	119	99
	D35	50	50
Material	One-sided matte synthetic plate		
Mounting	None		
Edge protection	Fabric tape, might have influence to picture size and chart thickness tolerance		
Add-on for LE7	<p>When the TE255-V2 is used with an LE7, this add-on is required to ensure that the measurement results of the spectrometer correspond to the light emitted by the device. The diffusor cap is simply put on the fiber entrance of the spectrometer.</p> 		
Service life	3 years		
Storage	Dark, dry, and free from harmful gas (e.g., formaldehyde or ozone). 20 °C and 25 °C with a humidity of 60% – 65% and no direct sunlight at any time.		
Scope of delivery	Test chart, stable cardboard envelope (D charts), add-on for LE7		



Miscellaneous

Evaluation / Assessment	Supported by iQ-Analyzer Visual appraisal
Reference data iQ-Analyzer-X	Not applicable
Standards	ISO 17957
Accessories	Chart case
Related Products	LE7, LG3, LG4
Terms & Conditions	image-engineering.de/terms-and-conditions