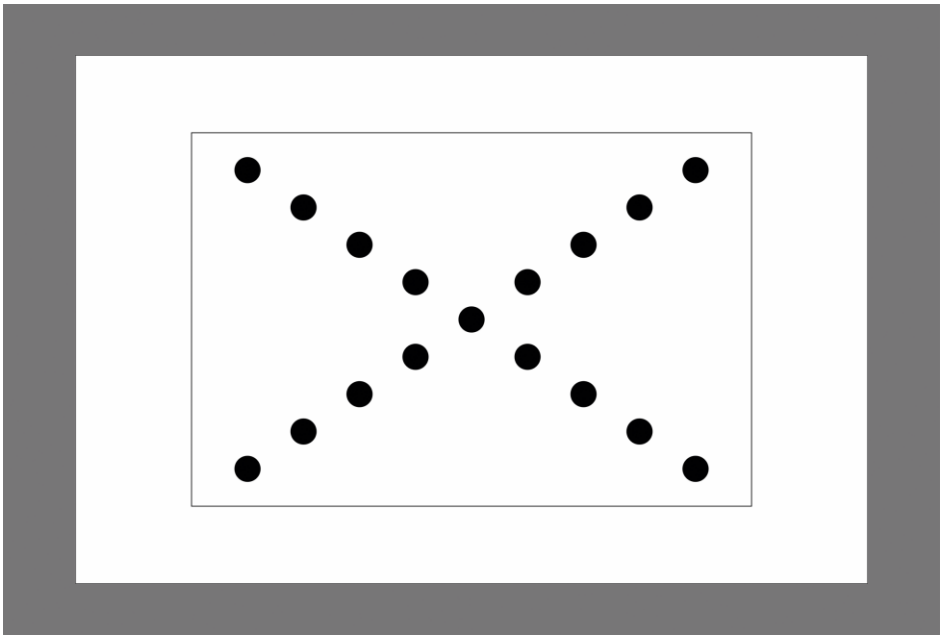
TE281 A data sheet



Overview

Product name	TE281 A
Principle	A test chart to determine (lens) flare of a digital camera, according to ISO 18844

Features

Flare

Type/s of pattern	The TE281 consists of an A1066 sized plate. The background is white. The area used for the analysis is marked by a black rectangle. 17 holes/light traps are arranged in this rectangle, orientated in two diagonals over the image field.
Size of analysis area [mm]	750 x 500
Size of background area [mm]	1,060.5 x 707
Hole diameter [mm]	38
Light traps	Super black holes are mounted at the back side behind each hole with magnets. The back side of the chart is also magnetic and the super black holes can be easily released for storing.
Light trap length [mm]	118
Contrast	>10,000:1 under specified lighting conditions of 1,000 lux on the chart (> 3,000:1 as defined in the standard)

General description hardware

Type	Reflective (A)				
Aspect ratio	4:3				
Chart size [mm]		W	H	D	D with traps
	A1066	1245	835	6.2	121
Picture size [mm]		W	H		
	A1066	750	500		

Material	Specific matt paper, resolution 3-4 LP/mm
Mounting	Steel plate, magnetic, size A1066 Aluminum composite panel (aluminum Dibond, back)
Edge protection	none
Chart size tolerances	Up to +/- 0.5 mm as they are handmade in-house and no edge protection is used
Service life	B/W print 3 years
Storage	Dark, dry, and free from harmful gas (e.g., formaldehyde or ozone). 20 °C and 25 °C with a humidity of 35% – 65% and no direct sunlight at any time.
Scope of delivery	Test chart, 17 light traps

Miscellaneous

Evaluation / Assessment	Supported by iQ-Analyzer V6 Visual appraisal
Reference data iQ-Analyzer V6	Not applicable
Standards	ISO 13344
Accessories	Chart case
Related Products	iQ-Chartmount-V and -H The chart must be positioned in the last slot to ensure sufficient space for the light traps. This is suboptimal in combination with a Magnetic chartBOARD, as it also needs to be placed in the last slot due to its weight. Please contact our support team for help.
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