



Overview

Product name	TE290 A
Principle	Test chart to determine the resolution (size A460) or focus (A1066) of a mirror replacement system, compliant to ISO 16505

Features

Hyperbolic structures

Dimensions of the pattern	(a)	(b)	(c)	(e)	(f)	(g)	
	X1	X1/1					
	X2	X1/2					
	X3	X1/3					
	X4	X1/4					
	X5	X1/5					
X6	X1/6						
		Line width [mm]					
		Pos. 1					
		A1066					
		A460		8.2			
		other					
<p>(b) multiplication factor to calculate line width for all 6 positions (c) distance between width indicators (9 line widths at position 1) (e) area to detect black level</p>							

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	(f) parallel bar, frequency 5.5 time higher than at position 1 (g) parallel bar, frequency 4.25 time higher than at position 1			
Sample rate* [MP]		minimum	maximum	
	A1066 S	2	30	(HDTV - 8K)*
	A460 L	VGA	2	(HDTV)*
	other			
Background OD**	0.75			

General description hardware

Type	reflective			
Aspect ratio	<input type="checkbox"/> 16:9 <input type="checkbox"/> other: _____			
Chart size [W x H x D]		W [mm]	H [mm]	D [mm]
	<input type="checkbox"/> A1066	1245	835	3.2
	<input type="checkbox"/> A460	600	500	3.2
	<input type="checkbox"/> other			
Picture size		16:9		
		W [mm]	H [mm]	
	<input type="checkbox"/> A1066	1066.67	600	
	<input type="checkbox"/> A460	460	258.75	
	<input type="checkbox"/> other			
Material	specific matt paper			
Mounting	<input type="checkbox"/> aluminum composite panel (aluminum Dibond): size A1066 <input type="checkbox"/> aluminum: size A460			
Edge protection	fabric tape (size A460)			
Service life	3 years			
Scope of delivery	Test chart, cardboard case for storing the chart safety (size A460)			

Miscellaneous

Evaluation / Assessment	Visual appraisal on monitor of mirror replacement system
Standards	ISO 16505
Accessories	Chart case

* if chart fills the image height the chart can be used with a camera of minimum/maximum sample rate, stated in mega pixel (MP)

** optical density