



General description hardware

Type	transmissive			
Aspect ratio	16:9 (can be used for other aspect ratios without restrictions)			
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]	D [mm]
	<input type="checkbox"/> D280	360	280	4.6 / 9.2 (screw area)
	<input type="checkbox"/> other			
Picture size		4:3	16:9	
		W [mm]	H [mm]	W [mm] H [mm]
	<input type="checkbox"/> D280			280 157.5
	<input type="checkbox"/> other			
Patch size	16 x 16 mm metal frame dimension			
Material	photographic film			
Surface finish	The film patches of transparent charts may show scratches. This does not affect the test chart's function in any way as the scratches are not visible under normal illumination geometry. We also recommend recording the OECF chart slightly out of focus to obtain a stable average value in the result.			
Mounting	black anodized aluminum metal frames			
Edge protection	fabric tape			
Service life	3 years			
Scope of delivery	test chart, stable cardboard envelope to store the chart, air blower, acceptance protocol			

Miscellaneous

Evaluation / Assessment	supported by iQ-Analyzer
Standards	ISO 14524:2009 Methods for measuring opto-electronic conversion functions (OECFs) (TE269A V2 only) ISO 15739:2013 Noise measurements ISO 12232:2006 Determination of exposure index, ISO speed ratings, standard output sensitivity, and recommended exposure index IEC 62676-5 Video surveillance systems for use in security applications – Part 5: Data specifications and image quality performance for camera devices, this chart is adapted to the postulated requirements. (TE269C V2 only; standard not yet published)
Accessories	PCR Krochmann Radiolux 111: luminance meter (tele-luminance meters can only be used in combination with a mask that covers the whole chart except the measured patch).



Acceptance protocol

SN:

Date:

Operator:

Optical density (OD) values gray patches*

Patch Reference OD Measured OD Deviation

1 (white)	0,11		
2	0,15		
3	0,19		
4	0,23		
5	0,27		
6	0,31		
7	0,35		
8	0,40		
9	0,44		
10	0,49		
11	0,54		
12	0,60		
13	0,65		
14	0,71		
15	0,77		
16	0,83		
17	0,90		
18	0,96		
19	1,04		
20	1,11		
21	1,20		
22	1,28		
23	1,38		
24	1,48		
25	1,59		
26	1,71		
27	1,84		
28	1,99		
29	2,16		
30	2,35		
31	2,57		
32	2,84		
33	3,18		
34	3,64		
35	4,36		
36 (black)	6,11		
BG	2,13		



* values gathered with diffuse illumination

Signature _____



Acceptance protocol

SN:

Date:

Operator:

Optical density (OD) values gray patches* ●

Patch Reference OD Measured OD Deviation

Patch	Reference OD	Measured OD	Deviation
1 (white)	0,11		
2	0,14		
3	0,18		
4	0,22		
5	0,25		
6	0,33		
7	0,41		
8	0,50		
9	0,60		
10	0,70		
11	0,81		
12	0,93		
13	1,07		
14	1,22		
15	1,39		
16	1,58		
17	1,76		
18	1,91		
19	2,09		
20	2,27		
21	2,45		
22	2,61		
23	2,78		
24	2,94		
25	3,14		
26	3,34		
27	3,53		
28	3,76		
29	4,03		
30	4,33		
31	4,62		
32	4,92		
33	5,22		
34	5,52		
35	5,81		
36 (black)	6,11		
BG	2,11		



* values gathered with diffuse illumination

Signature



Acceptance protocol

SN:

Date:

Operator:

Optical density (OD) values gray patches* ●

Patch Reference OD Measured OD Deviation

1 (white)	0,11		
2	0,21		
3	0,31		
4	0,41		
5	0,61		
6	0,81		
7	1,01		
8	1,21		
9	1,41		
10	1,61		
11	1,81		
12	2,01		
13	2,21		
14	2,41		
15	2,61		
16	2,81		
17	3,01		
18	3,21		
19	3,41		
20	3,61		
21	3,81		
22	4,01		
23	4,21		
24	4,41		
25	4,61		
26	4,81		
27	5,01		
28	5,21		
29	5,41		
30	5,61		
31	5,81		
32	6,01		
33	6,21		
34	6,41		
35	6,61		
36 (black)	6,81		
BG	4,11		



* values gathered with diffuse illumination

Signature