see similar files: http://farbe.li.tu-berlin.de/DET9/DET9.HTM
technical information: http://farbe.li.tu-berlin.de or http://color.li.tu-berlin.de

TUB registration: 20220701-DET9/DET9L0NA.TXT /.PS
application for measurement of display output
TUB material: code=rha4ta

Code	X_{F10}	Y_{F10}	Z_{F10}	x_{F10}	y_{F10}	A_{F10}	B_{F10}	$C_{AB,F10}$	a_{F10}	b_{F10}	$h_{AB,F10}$	i_d	λ_d	i_c	λ_c
D65	94.77	100.0	107.66	0.313	0.33	0.0	0.0	0.0	0.947	−0.43	0				
495_770	77.8	93.1	6.23	0.439	0.525	−26.07	94.01	97.56	0.835	−0.026	105	39	570	17	461
380_495	16.97	6.89	101.43	0.135	0.054	26.03	−94.01	97.55	2.458	−5.887	285	17	461	39	570
D50	96.58	99.99	80.59	0.348	0.36	0.0	0.0	0.0	0.965	−0.322	0				
495_770	84.14	94.53	5.53	0.456	0.513	−17.87	70.65	72.87	0.889	−0.023	104	39	572	17	462
380_495	12.43	5.46	75.05	0.133	0.058	17.84	−70.65	72.86	2.272	−5.496	284	17	462	39	572
P40	101.48	99.99	63.36	0.383	0.377	0.0	0.0	0.0	1.014	−0.253	0				
495_770	91.73	95.71	4.79	0.477	0.497	−13.48	55.85	57.46	0.958	−0.02	103	40	575	17	462
380_495	9.75	4.28	58.57	0.134	0.059	13.46	−55.85	57.45	2.271	−5.467	283	17	462	40	575
A00	110.75	100.0	33.88	0.452	0.408	0.0	0.0	0.0	1.107	−0.135	0				
495_770	105.73	97.44	3.51	0.511	0.471	−5.46	29.5	30.0	1.084	−0.014	100	41	580	18	465
380_495	5.01	2.55	30.37	0.132	0.067	5.45	−29.5	30.0	1.961	−4.756	280	18	465	41	580
E00	100.03	100.0	100.18	0.333	0.333	0.0	0.0	0.0	1.0	−0.4	0				
495_770	84.03	93.88	5.68	0.457	0.511	−24.67	88.37	91.75	0.894	−0.024	105	39	572	17	460
380_495	15.99	6.11	94.5	0.137	0.052	24.63	−88.37	91.74	2.611	−6.181	285	17	460	39	572
C00	97.37	100.0	116.53	0.31	0.318	0.0	0.0	0.0	0.973	−0.466	0				
495_770	78.9	92.59	6.29	0.443	0.52	−28.11	101.6	105.42	0.851	−0.027	105	39	571	17	461
380_495	18.47	7.4	110.23	0.135	0.054	28.07	−101.6	105.41	2.489	−5.953	285	17	461	39	571
P00	102.34	100.0	80.59	0.361	0.353	0.0	0.0	0.0	1.023	−0.322	0				
495_770	89.62	94.89	5.11	0.472	0.5	−18.71	71.36	73.77	0.944	−0.021	104	39	574	17	461
380_495	12.71	5.1	75.47	0.136	0.054	18.68	−71.36	73.76	2.487	−5.915	284	17	461	39	574
Q00	97.73	100.0	119.72	0.307	0.315	0.0	0.0	0.0	0.976	−0.478	0				
495_770	78.45	92.87	6.25	0.441	0.522	−30.73	104.94	109.35	0.844	−0.026	106	39	570	16	459
380_495	19.27	7.12	113.47	0.137	0.05	30.68	−104.94	109.33	2.699	−6.37	286	16	459	39	570

DET90−3N

Code	X_{F10}	Y_{F10}	Z_{F10}	x_{F10}	y_{F10}	$A_{1,F10}$	$B_{1,F10}$	$C_{AB1,F10}$	$a_{1,F10}$	$b_{1,F10}$	$h_{AB1,F10}$	i_d	λ_d	i_c	λ_c
D65	94.77	100.0	107.66	0.313	0.33	0.0	0.0	0.0	0.43	−0.43	0				
495_770	77.8	93.1	6.23	0.439	0.525	18.56	94.01	95.83	0.51	−0.026	78	39	570	17	461
380_495	16.97	6.89	101.43	0.135	0.054	−18.53	−94.01	95.82	−0.645	−5.887	258	17	461	39	570
D50	96.58	99.99	80.59	0.348	0.36	0.0	0.0	0.0	0.491	−0.322	0				
495_770	84.14	94.53	5.53	0.456	0.513	15.37	70.65	72.3	0.556	−0.023	77	39	572	17	462
380_495	12.43	5.46	75.05	0.133	0.058	−15.35	−70.65	72.3	−0.632	−5.496	257	17	462	39	572
P40	101.48	99.99	63.36	0.383	0.377	0.0	0.0	0.0	0.561	−0.253	0				
495_770	91.73	95.71	4.79	0.477	0.497	12.68	55.85	57.28	0.614	−0.02	77	40	575	17	462
380_495	9.75	4.28	58.57	0.134	0.059	−12.67	−55.85	57.27	−0.621	−5.467	257	17	462	40	575
A00	110.75	100.0	33.88	0.452	0.408	0.0	0.0	0.0	0.689	−0.135	0				
495_770	105.73	97.44	3.51	0.511	0.471	8.08	29.5	30.59	0.722	−0.014	74	41	580	18	465
380_495	5.01	2.55	30.37	0.132	0.067	−8.07	−29.5	30.59	−0.574	−4.756	254	18	465	41	580
E00	100.03	100.0	100.18	0.333	0.333	0.0	0.0	0.0	0.486	−0.4	0				
495_770	84.03	93.88	5.68	0.457	0.511	17.3	88.37	90.05	0.56	−0.024	78	39	572	17	460
380_495	15.99	6.11	94.5	0.137	0.052	−17.27	−88.37	90.04	−0.643	−6.181	258	17	460	39	572
C00	97.37	100.0	116.53	0.31	0.318	0.0	0.0	0.0	0.436	−0.466	0				
495_770	78.9	92.59	6.29	0.443	0.52	20.1	101.6	103.57	0.523	−0.027	78	39	571	17	461
380_495	18.47	7.4	110.23	0.135	0.054	−20.07	−101.6	103.56	−0.647	−5.953	258	17	461	39	571
P00	102.34	100.0	80.59	0.361	0.353	0.0	0.0	0.0	0.539	−0.322	0				
495_770	89.62	94.89	5.11	0.472	0.5	14.97	71.36	72.91	0.602	−0.021	78	39	574	17	461
380_495	12.71	5.1	75.47	0.136	0.054	−14.95	−71.36	72.91	−0.632	−5.915	258	17	461	39	574
Q00	97.73	100.0	119.72	0.307	0.315	0.0	0.0	0.0	0.434	−0.478	0				
495_770	78.45	92.87	6.25	0.441	0.522	19.36	104.94	106.71	0.517	−0.026	79	39	570	16	459
380_495	19.27	7.12	113.47	0.137	0.05	−19.32	−104.94	106.7	−0.65	−6.37	259	16	459	39	570

DET91−3N

Code	X_{F10}	Y_{F10}	Z_{F10}	x_{F10}	y_{F10}	A_{F10}	B_{F10}	$C_{AB,F10}$	a_{F10}	b_{F10}	$h_{AB,F10}$	i_d	λ_d	i_c	λ_c
D65	94.77	100.0	107.66	0.313	0.33	0.0	0.0	0.0	0.947	−0.43	0				
470_570	18.28	55.93	29.27	0.176	0.54	−86.78	30.94	92.13	0.326	−0.209	160	26	509	−1	509c
570_470	76.49	44.06	78.39	0.384	0.221	86.75	−30.94	92.11	1.734	−0.711	340	−1	509c	26	509
D50	96.58	99.99	80.59	0.348	0.36	0.0	0.0	0.0	0.965	−0.322	0				
470_570	17.53	53.1	24.29	0.184	0.559	−84.37	18.5	86.38	0.33	−0.183	167	26	507	−1	507c
570_470	79.04	46.89	56.29	0.433	0.257	84.35	−18.5	86.36	1.685	−0.48	347	−1	507c	26	507
P40	101.48	99.99	63.36	0.383	0.377	0.0	0.0	0.0	1.014	−0.253	0				
470_570	16.37	48.88	19.39	0.193	0.577	−83.05	11.58	83.85	0.334	−0.158	172	26	507	−1	507c
570_470	85.1	51.11	43.97	0.472	0.283	83.03	−11.58	83.84	1.664	−0.344	352	−1	507c	26	507
A00	110.75	100.0	33.88	0.452	0.408	0.0	0.0	0.0	1.107	−0.135	0				
470_570	14.56	41.89	12.48	0.211	0.607	−79.57	1.71	79.59	0.347	−0.119	178	26	508	−1	508c
570_470	96.19	58.1	21.4	0.547	0.33	79.56	−1.71	79.58	1.654	−0.147	358	−1	508c	26	508
E00	100.03	100.0	100.18	0.333	0.333	0.0	0.0	0.0	1.0	−0.4	0				
470_570	17.25	52.43	25.51	0.181	0.55	−87.95	27.01	92.01	0.329	−0.194	162	26	509	−1	509c
570_470	82.77	47.56	74.66	0.403	0.232	87.93	−27.01	91.99	1.739	−0.627	342	−1	509c	26	509
C00	97.37	100.0	116.53	0.31	0.318	0.0	0.0	0.0	0.973	−0.466	0				
470_570	18.39	54.84	30.85	0.176	0.526	−87.49	33.06	93.53	0.335	−0.225	159	26	508	−1	508c
570_470	78.98	45.15	85.67	0.376	0.215	87.47	−33.06	93.51	1.748	−0.758	339	−1	508c	26	508
P00	102.34	100.0	80.59	0.361	0.353	0.0	0.0	0.0	1.023	−0.322	0				
470_570	16.57	49.78	21.95	0.187	0.563	−85.9	18.16	87.8	0.332	−0.176	168	26	508	−1	508c
570_470	85.76	50.21	58.64	0.44	0.258	85.88	−18.16	87.78	1.707	−0.467	348	−1	508c	26	508
Q00	97.73	100.0	119.72	0.307	0.315	0.0	0.0	0.0	0.976	−0.478	0				
470_570	17.93	55.08	29.07	0.175	0.539	−89.7	36.87	96.98	0.325	−0.211	157	27	510	−1	510c
570_470	79.79	44.91	90.65	0.37	0.208	89.67	−36.87	96.95	1.775	−0.807	337	−1	510c	27	510

DET90−7N

Code	X_{F10}	Y_{F10}	Z_{F10}	x_{F10}	y_{F10}	$A_{1,F10}$	$B_{1,F10}$	$C_{AB1,F10}$	$a_{1,F10}$	$b_{1,F10}$	$h_{AB1,F10}$	i_d	λ_d	i_c	λ_c
D65	94.77	100.0	107.66	0.313	0.33	0.0	0.0	0.0	0.43	−0.43	0				
470_570	18.28	55.93	29.27	0.176	0.54	−58.72	30.94	66.37	0.01	−0.209	152	26	509	−1	509c
570_470	76.49	44.06	78.39	0.384	0.221	58.7	−30.94	66.36	0.963	−0.711	332	−1	509c	26	509
D50	96.58	99.99	80.59	0.348	0.36	0.0	0.0	0.0	0.491	−0.322	0				
470_570	17.53	53.1	24.29	0.184	0.559	−62.04	18.5	64.74	0.024	−0.183	163	26	507	−1	507c
570_470	79.04	46.89	56.29	0.433	0.257	62.03	−18.5	64.73	1.02	−0.48	343	−1	507c	26	507
P40	101.48	99.99	63.36	0.383	0.377	0.0	0.0	0.0	0.561	−0.253	0				
470_570	16.37	48.88	19.39	0.193	0.577	−63.9	11.58	64.94	0.038	−0.158	169	26	507	−1	507c
570_470	85.1	51.11	43.97	0.472	0.283	63.89	−11.58	64.93	1.061	−0.344	349	−1	507c	26	507
A00	110.75	100.0	33.88	0.452	0.408	0.0	0.0	0.0	0.689	−0.135	0				
470_570	14.56	41.89	12.48	0.211	0.607	−65.23	1.71	65.25	0.066	−0.119	178	26	508	−1	508c
570_470	96.19	58.1	21.4	0.547	0.33	65.22	−1.71	65.24	1.138	−0.147	358	−1	508c	26	508
E00	100.03	100.0	100.18	0.333	0.333	0.0	0.0	0.0	0.486	−0.4	0				
470_570	17.25	52.43	25.51	0.181	0.55	−61.37	27.01	67.05	0.018	−0.194	156	26	509	−1	509c
570_470	82.77	47.56	74.66	0.403	0.232	61.35	−27.01	67.04	1.002	−0.627	336	−1	509c	26	509
C00	97.37	100.0	116.53	0.31	0.318	0.0	0.0	0.0	0.436	−0.466	0				
470_570	18.39	54.84	30.85	0.176	0.526	−58.41	33.06	67.11	0.01	−0.225	150	26	508	−1	508c
570_470	78.98	45.15	85.67	0.376	0.215	58.39	−33.06	67.1	0.954	−0.758	330	−1	508c	26	508
P00	102.34	100.0	80.59	0.361	0.353	0.0	0.0	0.0	0.539	−0.322	0				
470_570	16.57	49.78	21.95	0.187	0.563	−63.45	18.16	66.0	0.029	−0.176	164	26	508	−1	508c
570_470	85.76	50.21	58.64	0.44	0.258	63.43	−18.16	65.99	1.044	−0.467	344	−1	508c	26	508
Q00	97.73	100.0	119.72	0.307	0.315	0.0	0.0	0.0	0.434	−0.478	0				
470_570	17.93	55.08	29.07	0.175	0.539	−58.6	36.87	69.24	0.008	−0.211	147	27	510	−1	510c
570_470	79.79	44.91	90.65	0.37	0.208	58.59	−36.87	69.22	0.956	−0.807	327	−1	510c	27	510

DET91−7N

TUB-test chart DET9; YB1 and GM1 data for eight Dxx illuminants, CIE−F10° observer
CIEXYZ data and data: *A*, *B*, C_{AB}, *a*, *b*, h_{AB}, A_1, B_1, C_{A1B1}, a_1, b_1, h_{A1B1}, wavelength λ_d and λ_c