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technical information: <http://farbe.li-tu-berlin.de> or <http://130.149.60.45/~farbmeterik>

Code	X	Y	Z	x	y	A ₁	B ₁	CAB ₁	a ₁	b ₁	hAB ₁	i _d	λ _d	i _c	λ _c
D65	95.04	99.99	108.89	0.312	0.329	0.0	0.0	0.0	1.54	-1.088	0				
520_705	76.8	85.24	1.63	0.469	0.52	15.69	91.18	92.52	1.724	-0.019	80	39	574	19	474
380_520	18.23	14.75	107.25	0.13	0.105	-15.69	-91.18	92.52	0.476	-7.269	260	19	474	39	574
D50	96.42	100.0	82.49	0.345	0.358	0.0	0.0	0.0	1.643	-0.824	0				
520_705	82.86	87.29	1.55	0.482	0.508	16.46	70.46	72.35	1.832	-0.017	76	40	576	20	476
380_520	13.55	12.7	80.94	0.126	0.118	-16.46	-70.46	72.35	0.347	-6.372	256	20	476	40	576
P40	100.93	99.99	64.68	0.379	0.376	0.0	0.0	0.0	1.792	-0.646	0				
520_705	90.3	89.29	1.42	0.498	0.493	15.89	56.33	58.53	1.97	-0.015	74	40	578	20	477
380_520	10.62	10.7	63.26	0.125	0.126	-15.89	-56.33	58.53	0.307	-5.909	254	20	477	40	578
A00	109.84	99.99	35.58	0.447	0.407	0.0	0.0	0.0	2.071	-0.355	0				
520_705	104.12	92.47	1.2	0.526	0.467	14.37	31.69	34.8	2.226	-0.013	65	41	582	21	480
380_520	5.72	7.52	34.37	0.12	0.158	-14.37	-31.69	34.8	0.161	-4.565	245	21	480	41	582
E00	100.0	100.0	100.0	0.333	0.333	0.0	0.0	0.0	1.675	-1.0	0				
520_705	83.03	86.69	1.54	0.484	0.506	15.27	85.15	86.51	1.851	-0.017	79	40	576	19	474
380_520	16.96	13.3	98.45	0.131	0.103	-15.27	-85.15	86.51	0.526	-7.401	259	19	474	40	576
C00	98.07	100.0	118.22	0.31	0.316	0.0	0.0	0.0	1.581	-1.182	0				
520_705	78.11	85.01	1.52	0.474	0.516	15.51	98.98	100.19	1.764	-0.017	81	39	574	19	473
380_520	19.95	14.98	116.69	0.131	0.098	-15.51	-98.98	100.19	0.546	-7.788	261	19	473	39	574
P00	102.06	100.0	81.06	0.36	0.353	0.0	0.0	0.0	1.773	-0.81	0				
520_705	88.44	88.25	1.45	0.496	0.495	15.63	70.08	71.8	1.95	-0.016	77	40	578	20	475
380_520	13.62	11.74	79.6	0.129	0.111	-15.63	-70.08	71.8	0.441	-6.779	257	20	475	40	578
Q00	97.93	100.0	118.95	0.309	0.315	0.0	0.0	0.0	1.576	-1.189	0				
520_705	77.62	85.13	1.62	0.472	0.517	14.6	99.64	100.7	1.748	-0.019	81	39	574	19	473
380_520	20.3	14.86	117.32	0.133	0.097	-14.6	-99.64	100.7	0.594	-7.892	261	19	473	39	574

CEY20-3N YAB1, YB, Dxx

Code	X	Y	Z	x	y	A ₁	B ₁	CAB ₁	a ₁	b ₁	hAB ₁	i _d	λ _d	i _c	λ _c
D65	95.04	99.99	108.89	0.312	0.329	0.0	0.0	0.0	1.54	-1.088	0				
470_570	18.87	57.51	34.01	0.17	0.52	-71.75	28.6	77.24	0.292	-0.591	158	26	509	-1	509c
570_470	76.16	42.48	74.87	0.393	0.219	71.75	-28.6	77.24	3.229	-1.762	338	-1	509c	26	509
D50	96.42	100.0	82.49	0.345	0.358	0.0	0.0	0.0	1.643	-0.824	0				
470_570	17.97	54.61	28.26	0.178	0.541	-72.57	16.79	74.49	0.314	-0.517	166	26	508	-1	508c
570_470	78.45	45.38	54.23	0.44	0.254	72.57	-16.79	74.49	3.242	-1.195	346	-1	508c	26	508
P40	100.93	99.99	64.68	0.379	0.376	0.0	0.0	0.0	1.792	-0.646	0				
470_570	16.71	50.37	22.65	0.186	0.561	-73.2	9.93	73.88	0.339	-0.449	172	26	508	-1	508c
570_470	84.21	49.62	42.03	0.478	0.282	73.2	-9.93	73.88	3.268	-0.847	352	-1	508c	26	508
A00	109.84	99.99	35.58	0.447	0.407	0.0	0.0	0.0	2.071	-0.355	0				
470_570	14.78	43.38	14.72	0.202	0.595	-72.93	0.71	72.93	0.39	-0.339	179	26	509	-1	509c
570_470	95.06	56.61	20.85	0.55	0.328	72.93	-0.71	72.93	3.359	-0.368	359	-1	509c	26	509
E00	100.0	100.0	100.0	0.333	0.333	0.0	0.0	0.0	1.675	-1.0	0				
470_570	17.79	54.04	29.74	0.175	0.532	-73.98	24.3	77.87	0.306	-0.55	161	26	509	-1	509c
570_470	82.2	45.95	70.25	0.414	0.231	73.98	-24.3	77.87	3.285	-1.528	341	-1	509c	26	509
C00	98.07	100.0	118.22	0.31	0.316	0.0	0.0	0.0	1.581	-1.182	0				
470_570	19.09	56.41	35.83	0.171	0.506	-72.12	30.86	78.45	0.303	-0.635	156	26	508	-1	508c
570_470	78.97	43.58	82.39	0.385	0.212	72.12	-30.86	78.45	3.236	-1.89	336	-1	508c	26	508
P00	102.06	100.0	81.06	0.36	0.353	0.0	0.0	0.0	1.773	-0.81	0				
470_570	17.01	51.33	25.61	0.181	0.546	-74.33	15.99	76.03	0.325	-0.498	167	26	508	-1	508c
570_470	85.05	48.66	55.44	0.449	0.257	74.33	-15.99	76.03	3.3	-1.139	347	-1	508c	26	508
Q00	97.93	100.0	118.95	0.309	0.315	0.0	0.0	0.0	1.576	-1.189	0				
470_570	18.57	56.75	33.87	0.17	0.519	-73.1	33.64	80.47	0.288	-0.596	155	26	509	-1	509c
570_470	79.36	43.24	85.08	0.382	0.208	73.1	-33.64	80.47	3.267	-1.967	335	-1	509c	26	509

CEY20-7N YAB1, GM, Dxx

TUB-test chart CEY2; YB and GM data; 8 illuminants Dxx; 2°-CIE observer
CIEXYZ, YABCAbh₁, and YABCAbh₂ data; wavelength: λ₁, λ₂, λ_d and λ_c

Code	X	Y	Z	x	y	A ₂	B ₂	CAB ₂	a ₂	b ₂	hAB ₂	i _d	λ _d	i _c	λ _c
D65	95.04	99.99	108.89	0.312	0.329	0.0	0.0	0.0	1.232	-0.871	0				
520_705	76.8	85.24	1.63	0.469	0.52	12.55	72.94	74.02	1.379	-0.015	80	39	574	19	474
380_520	18.23	14.75	107.25	0.13	0.105	-12.55	-72.94	74.02	0.381	-5.815	260	19	474	39	574
D50	96.42	100.0	82.49	0.345	0.358	0.0	0.0	0.0	1.314	-0.659	0				
520_705	82.86	87.29	1.55	0.482	0.508	13.17	56.36	57.88	1.465	-0.014	76	40	576	20	476
380_520	13.55	12.7	80.94	0.126	0.118	-13.17	-56.36	57.88	0.277	-5.097	256	20	476	40	576
P40	100.93	99.99	64.68	0.379	0.376	0.0	0.0	0.0	1.434	-0.517	0				
520_705	90.3	89.29	1.42	0.498	0.493	12.71	45.06	46.82	1.576	-0.012	74	40	578	20	477
380_520	10.62	10.7	63.26	0.125	0.126	-12.71	-45.06	46.82	0.246	-4.727	254	20	477	40	578
A00	109.84	99.99	35.58	0.447	0.407	0.0	0.0	0.0	1.657	-0.284	0				
520_705	104.12	92.47	1.2	0.526	0.467	11.5	25.35	27.84	1.781	-0.01	65	41	582	21	480
380_520	5.72	7.52	34.37	0.12	0.158	-11.5	-25.35	27.84	0.129	-3.652	245	21	480	41	582
E00	100.0	100.0	100.0	0.333	0.333	0.0	0.0	0.0	1.34	-0.8	0				
520_705	83.03	86.69	1.54	0.484	0.506	12.21	68.12	69.21	1.48	-0.014	79	40	576	19	474
380_520	16.96	13.3	98.45	0.131	0.103	-12.21	-68.12	69.21	0.421	-5.92	259	19	474	40	576
C00	98.07	100.0	118.22	0.31	0.316	0.0	0.0	0.0	1.265	-0.945	0				
520_705	78.11	85.01	1.52	0.474	0.516	12.41	79.18	80.15	1.411	-0.014	81	39	574	19	473
380_520	19.95	14.98	116.69	0.131	0.098	-12.41	-79.18	80.15	0.437	-6.231	261	19	473	39	574
P00	102.06	100.0	81.06	0.36	0.353	0.0	0.0	0.0	1.418	-0.648	0				
520_705	88.44	88.25	1.45	0.496	0.495	12.5	56.06	57.44	1.56	-0.013	77	40	578	20	475
380_520	13.62	11.74	79.6	0.129	0.111	-12.5	-56.06	57.44	0.353	-5.423	257	20	475	40	578
Q00	97.93	100.0	118.95	0.309	0.315	0.0	0.0	0.0	1.261	-0.951	0				
520_705	77.62	85.13	1.62	0.472	0.517	11.68	79.71	80.56	1.398	-0.015	81	39	574	19	473
380_520	20.3	14.86	117.32	0.133	0.097	-11.68	-79.71	80.56	0.475	-6.314	261	19	473	39	574

CEY21-3N YAB2, YB, Dxx

Code	X	Y	Z	x	y	A ₂	B ₂	CAB ₂	a ₂	b ₂	hAB ₂	i _d	λ _d	i _c	λ _c
D65	95.04	99.99	108.89	0.312	0.329	0.0	0.0	0.0	1.232	-0.871	0				
470_570	18.87	57.51	34.01	0.17	0.52	-57.4	22.88	61.79	0.234	-0.473	158	26	509	-1	509c
570_470	76.16	42.48	74.87	0.393	0.219	57.4	-22.88	61.79	2.583	-1.409	338	-1	509c	26	509
D50	96.42	100.0	82.49	0.345	0.358	0.0	0.0	0.0	1.314	-0.659	0				
470_570	17.97	54.61	28.26	0.178	0.541	-58.05	13.43	59.59	0.251	-0.413	166	26	508	-1	508c
570_470	78.45	45.38	54.23	0.44	0.254	58.05	-13.43	59.59	2.594	-0.956	346	-1	508c	26	508
P40	100.93	99.99	64.68	0.379	0.376	0.0	0.0	0.0	1.434	-0.517	0				
470_570	16.71	50.37	22.65	0.186	0.561	-58.56	7.95	59.1	0.271	-0.359	172	26	508	-1	508c
570_470	84.21	49.62	42.03	0.478	0.282	58.56	-7.95	59.1	2.614	-0.677	352	-1	508c	26	508
A00	109.84	99.99	35.58	0.447	0.407	0.0	0.0	0.0	1.657	-0.284	0				
470_570	14.48	43.38	14.72	0.202	0.595	-58.34	0.56	58.34	0.312	-0.271	179	26	509	-1	509c
570_470	95.06	56.61	20.85	0.55	0.328	58.34	-0.56	58.34	2.687	-0.294	359	-1	509c	26	509
E00	100.0	100.0	100.0	0.333	0.333	0.0	0.0	0.0	1.34	-0.8	0				
470_570	17.54	59.04	29.74	0.175	0.532	-59.18	19.44	62.29	0.244	-0.44	161	26	509	-1	509c
570_470	82.2	45.95	70.25	0.414	0.231	59.18	-19.44	62.29	2.628	-1.223	341	-1	509c	26	509
C00	98.07	100.0	118.22	0.31	0.316	0.0	0.0	0.0	1.265	-0.945	0				
470_570	19.09	56.41	35.83	0.171	0.506	-57.7	24.69	62.76	0.242	-0.508	156	26	508	-1	508c
570_470	78.97	43.58	82.39	0.385	0.212	57.7	-24.69	62.76	2.589	-1.512	336	-1	508c	26	508
P00	102.06	100.0	81.06	0.36	0.353	0.0	0.0	0.0	1.418	-0.648	0				
470_570	17.01	51.33	25.61	0.181	0.546	-59.46	12.79	60.82	0.26	-0.399	167	26	508	-1	508c
570_470	85.05	48.66	55.44	0.449	0.257	59.46	-12.79	60.82	2.64	-0.911	347	-1	508c	26	508
Q00	97.93	100.0	118.95	0.309	0.315	0.0	0.0	0.0	1.261	-0.951	0				
470_570	18.57	56.75	33.87	0.17	0.519	-58.48	26.91	64.37	0.231	-0.477	155	26	509	-1	509c
570_470	79.36	43.24	85.08	0.382	0.208	58.48	-26.91	64.37	2.613	-1.574	335	-1	509c	26	509

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technical information: <http://farbe.li-tu-berlin.de> or <http://130.149.60.45/~farbmeterik>

Code	X ₁₀	Y ₁₀	Z ₁₀	x ₁₀	y ₁₀	A _{1,10}	B _{1,10}	CAB _{1,10}	a _{1,10}	b _{1,10}	hAB _{1,10}	i _d	λ _d	i _c	λ _c
D65	94.81	100.0	107.33	0.313	0.33	0.0	0.0	0.0	1.539	-1.073	0				
520_705	76.36	79.07	1.01	0.488	0.505	26.16	83.86	87.84	1.87	-0.012	72	39	571	19	471
380_520	18.44	20.92	106.32	0.126	0.143	-26.16	-83.86	87.84	0.289	-5.081	252	19	471	39	571
D50	96.72	99.99	81.41	0.347	0.359	0.0	0.0	0.0	1.653	-0.814	0				
520_705	82.94	82.05	0.96	0.499	0.494	26.06	65.83	70.8	1.97	-0.011	68	39	573	19	473
380_520	13.77	17.94	80.44	0.122	0.159	-26.06	-65.83	70.8	0.2	-4.483	248	19	473	39	573
P40	101.75	100.0	64.44	0.382	0.375	0.0	0.0	0.0	1.811	-0.644	0				
520_705	90.8	84.9	0.88	0.514	0.48	24.63	53.82	59.19	2.101	-0.01	65	40	576	19	474
380_520	10.94	15.09	63.55	0.122	0.168	-24.63	-53.82	59.19	0.179	-4.209	245	19	474	40	576
A00	111.15	100.0	35.19	0.451	0.405	0.0	0.0	0.0	2.101	-0.351	0				
520_705	105.25	89.52	0.74	0.538	0.457	21.26	30.76	37.39	2.338	-0.008	55	41	580	20	477
380_520	5.89	10.47	34.45	0.115	0.206	-21.26	-30.76	37.39	0.072	-3.287	235	20	477	41	580
E00	99.99	99.99	100.0	0.333	0.333	0.0	0.0	0.0	1.674	-1.0	0				
520_705	82.56	81.03	0.95	0.501	0.492	25.45	80.09	84.03	1.988	-0.011	72	39	574	19	471
380_520	17.42	18.96	99.05	0.128	0.14	-25.45	-80.09	84.03	0.332	-5.223	252	19	471	39	574
C00	97.28	99.99	116.14	0.31	0.319	0.0	0.0	0.0	1.57	-1.161	0				
520_705	77.27	78.55	0.93	0.492	0.501	26.72	90.3	94.17	1.91	-0.011	73	39	572	19	471
380_520	20.01	21.44	115.21	0.127	0.136	-26.72	-90.3	94.17	0.324	-5.371	253	19	471	39	572
P00	102.37	99.99	81.25	0.36	0.352	0.0	0.0	0.0	1.779	-0.812	0				
520_705	88.32	83.3	0.9	0.511	0.482	25.13	66.78	71.35	2.081	-0.01	69	40	575	19	472
380_520	14.05	16.69	80.34	0.126	0.15	-25.13	-66.78	71.35	0.274	-4.811	249	19	472	40	575
Q00	97.64	100.0	118.42	0.308	0.316	0.0	0.0	0.0	1.572	-1.184	0				
520_705	76.91	78.81	1.0	0.49	0.502	25.29	92.33	95.73	1.892	-0.012	74	39	572	19	470
380_520	20.73	21.18	117.42	0.13	0.132	-25.29	-92.33	95.73	0.378	-5.542	254	19	470	39	572

CEY20-3N YAB1, YB, Dxx

Code	X ₁₀	Y ₁₀	Z ₁₀	x ₁₀	y ₁₀	A _{1,10}	B _{1,10}	CAB _{1,10}	a _{1,10}	b _{1,10}	hAB _{1,10}	i _d	λ _d	i _c	λ _c
D65	94.81	100.0	107.33	0.313	0.33	0.0	0.0	0.0	1.539	-1.073	0				
470_570	20.85	58.52	28.98	0.192	0.54	-67.74	33.83	75.72	0.381	-0.495	153	26	509	-1	509c
570_470	73.95	41.47	78.34	0.381	0.214	67.74	-33.83	75.72	3.172	-1.889	333	-1	509c	26	509
D50	96.72	99.99	81.41	0.347	0.359	0.0	0.0	0.0	1.653	-0.814	0				
470_570	20.23	55.75	24.27	0.201	0.556	-69.16	21.11	72.31	0.412	-0.435	163	26	507	-1	507c
570_470	76.48	44.24	57.13	0.43	0.248	69.16	-21.11	72.31	3.216	-1.291	343	-1	507c	26	507
P40	101.75	100.0	64.44	0.382	0.375	0.0	0.0	0.0	1.811	-0.644	0				
470_570	19.11	51.54	19.55	0.211	0.571	-70.39	13.65	71.71	0.445	-0.379	169	26	507	-1	507c
570_470	82.63	48.45	44.88	0.469	0.275	70.39	-13.65	71.71	3.264	-0.926	349	-1	507c	26	507
A00	111.15	100.0	35.19	0.451	0.405	0.0	0.0	0.0	2.101	-0.351	0				
470_570	17.3	44.4	12.78	0.232	0.596	-70.53	2.84	70.58	0.512	-0.287	177	26	506	-1	506c
570_470	93.84	55.59	22.41	0.546	0.323	70.53	-2.84	70.58	3.369	-0.403	357	-1	506c	26	506
E00	99.99	99.99	100.0	0.333	0.333	0.0	0.0	0.0	1.674	-1.0	0				
470_570	19.85	55.11	25.45	0.197	0.548	-70.27	29.66	76.28	0.399	-0.461	157	26	508	-1	508c
570_470	80.13	44.88	74.55	0.401	0.224	70.27	-29.66	76.28	3.24	-1.661	337	-1	508c	26	508
C00	97.28	99.99	116.14	0.31	0.319	0.0	0.0	0.0	1.57	-1.161	0				
470_570	20.87	57.5	30.51	0.191	0.528	-68.05	36.27	77.12	0.386	-0.53	151	26	508	-1	508c
570_470	76.41	42.49	85.63	0.373	0.207	68.05	-36.27	77.12	3.171	-2.014	331	-1	508c	26	508
P00	102.37	99.99	81.25	0.36	0.352	0.0	0.0	0.0	1.779	-0.812	0				
470_570	19.23	52.47	22.05	0.205	0.559	-71.06	20.58	73.98	0.425	-0.42	163	26	507	-1	507c
570_470	83.13	47.52	59.19	0.437	0.25	71.06	-20.58	73.98	3.274	-1.245	343	-1	507c	26	507
Q00	97.64	100.0	118.42	0.308	0.316	0.0	0.0	0.0	1.572	-1.184	0				
470_570	20.46	57.7	28.78	0.191	0.539	-68.95	39.55	79.49	0.377	-0.498	150	27	510	-1	510c
570_470	77.18	42.29	89.63	0.369	0.202	68.95	-39.55	79.49	3.202	-2.119	330	-1	510c	27	510

CEY20-7N YAB1, GM, Dxx

TUB-test chart CEY2; YB and GM data; 8 illuminants Dxx; 10°-CIE observer
CIEXYZ, YABCab_{h1}, and YABCab_{h2} data; wavelength: λ₁, λ₂, λ_d and λ_c

Code	X ₁₀	Y ₁₀	Z ₁₀	x ₁₀	y ₁₀	A _{2,10}	B _{2,10}	CAB _{2,10}	a _{2,10}	b _{2,10}	hAB _{2,10}	i _d	λ _d	i _c	λ _c
D65	94.81	100.0	107.33	0.313	0.33	0.0	0.0	0.0	1.231	-0.858	0				
520_705	76.36	79.07	1.01	0.488	0.505	20.92	67.09	70.27	1.496	-0.01	72	39	571	19	471
380_520	18.44	20.92	106.32	0.126	0.143	-20.92	-67.09	70.27	0.231	-4.065	252	19	471	39	571
D50	96.72	99.99	81.41	0.347	0.359	0.0	0.0	0.0	1.322	-0.651	0				
520_705	82.94	82.05	0.96	0.499	0.494	20.84	52.66	56.64	1.576	-0.009	68	39	573	19	473
380_520	13.77	17.94	80.44	0.122	0.159	-20.84	-52.66	56.64	0.16	-3.586	248	19	473	39	573
P40	101.75	100.0	64.44	0.382	0.375	0.0	0.0	0.0	1.449	-0.515	0				
520_705	90.8	84.9	0.88	0.514	0.48	19.7	43.06	47.35	1.681	-0.008	65	40	576	19	474
380_520	10.94	15.09	63.55	0.122	0.168	-19.7	-43.06	47.35	0.143	-3.367	245	19	474	40	576
A00	111.15	100.0	35.19	0.451	0.405	0.0	0.0	0.0	1.681	-0.281	0				
520_705	105.25	89.52	0.74	0.538	0.457	17.01	24.61	29.91	1.871	-0.006	55	41	580	20	477
380_520	5.89	10.47	34.45	0.115	0.206	-17.01	-24.61	29.91	0.057	-2.63	235	20	477	41	580
E00	99.99	99.99	100.0	0.333	0.333	0.0	0.0	0.0	1.339	-0.8	0				
520_705	82.56	81.03	0.95	0.501	0.492	20.36	64.07	67.22	1.591	-0.009	72	39	574	19	471
380_520	17.42	18.96	99.05	0.128	0.14	-20.36	-64.07	67.22	0.266	-4.178	252	19	471	39	574
C00	97.28	99.99	116.14	0.31	0.319	0.0	0.0	0.0	1.256	-0.929	0				
520_705	77.27	78.55	0.93	0.492	0.501	21.38	72.24	75.33	1.528	-0.009	73	39	572	19	471
380_520	20.01	21.44	115.21	0.127	0.136	-21.38	-72.24	75.33	0.259	-4.297	253	19	471	39	572
P00	102.37	99.99	81.25	0.36	0.352	0.0	0.0	0.0	1.423	-0.65	0				
520_705	88.32	83.3	0.9	0.511	0.482	20.11	53.42	57.08	1.664	-0.008	69	40	575	19	472
380_520	14.05	16.69	80.34	0.126	0.15	-20.11	-53.42	57.08	0.219	-3.849	249	19	472	40	575
Q00	97.64	100.0	118.42	0.308	0.316	0.0	0.0	0.0	1.257	-0.947	0				
520_705	76.91	78.81	1.0	0.49	0.502	20.23	73.86	76.58	1.514	-0.01	74	39	572	19	470
380_520	20.73	21.18	117.42	0.13	0.132	-20.23	-73.86	76.58	0.302	-4.433	254	19	470	39	572

CEY21-3N YAB2, YB, Dxx

Code	X ₁₀	Y ₁₀	Z ₁₀	x ₁₀	y ₁₀	A _{2,10}	B _{2,10}	CAB _{2,10}	a _{2,10}	b _{2,10}	hAB _{2,10}	i _d	λ _d	i _c	λ _c
D65	94.81	100.0	107.33	0.313	0.33	0.0	0.0	0.0	1.231	-0.858	0				
470_570	20.85	58.52	28.98	0.192	0.54	-54.19	27.06	60.58	0.305	-0.396	153	26	509	-1	509c
570_470	73.95	41.47	78.34	0.381	0.214	54.19	-27.06	60.58	2.538	-1.511	333	-1	509c	26	509
D50	96.72	99.99	81.41	0.347	0.359	0.0	0.0	0.0	1.322	-0.651	0				
470_570	20.23	55.75	24.27	0.201	0.556	-55.33	16.89	57.85	0.33	-0.348	163	26	507	-1	507c
570_470	76.48	44.24	57.13	0.43	0.248	55.33	-16.89	57.85	2.573	-1.033	343	-1	507c	26	507
P40	101.75	100.0	64.44	0.382	0.375	0.0	0.0	0.0	1.449	-0.515	0				
470_570	19.11	51.54	19.55	0.211	0.571	-56.31	10.92	57.36	0.356	-0.303	169	26	507	-1	507c
570_470	82.63	48.45	44.88	0.469	0.275	56.31	-10.92	57.36	2.611	-0.741	349	-1	507c	26	507
A00	111.15	100.0	35.19	0.451	0.405	0.0	0.0	0.0	1.681	-0.281	0				
470_570	17.3	44.4	12.78	0.232	0.596	-56.42	2.27	56.47	0.41	-0.23	177	26	506	-1	506c
570_470	93.84	55.59	22.41	0.546	0.323	56.42	-2.27	56.47	2.695	-0.322	357	-1	506c	26	506
E00	99.99	99.99	100.0	0.333	0.333	0.0	0.0	0.0	1.339	-0.8	0				
470_570	19.85	55.11	25.45	0.197	0.548	-56.21	23.73	61.02	0.319	-0.369	157	26	508	-1	508c
570_470	80.13	44.88	74.55	0.401	0.224	56.21	-23.73	61.02	2.592	-1.328	337	-1	508c	26	508
C00	97.28	99.99	116.14	0.31	0.319	0.0	0.0	0.0	1.256	-0.929	0				
470_570	20.87	57.5	30.51	0.191	0.528	-54.44	29.01	61.69	0.309	-0.424	151	26	508	-1	508c
570_470	76.41	42.49	85.63	0.373	0.207	54.44	-29.01	61.69	2.537	-1.611	331	-1	508c	26	508
P00	102.37	99.99	81.25	0.36	0.352	0.0	0.0	0.0	1.423	-0.65	0				
470_570	19.23	52.47	22.05	0.205	0.559	-56.85	16.46	59.19	0.34	-0.336	163	26	507	-1	507c
570_470	83.13	47.52	59.19	0.437	0.25	56.85	-16.46	59.19	2.619	-0.996	343	-1	507c	26	507
Q00	97.64	100.0	118.42	0.308	0.316	0.0	0.0	0.0	1.257	-0.947	0				
470_570	20.46	57.7	28.78	0.191	0.539	-55.16	31.64	63.59	0.301	-0.399	150	27	510	-1	510c
570_470	77.18	42.29	89.63	0.369	0.202	55.16	-31.64	63.59	2.561	-1.695	330	-1	510c	27	510