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Code	X	Y	Z	x	y	A	B	C _{AB}	a	b	h _{AB}	i _d	λ _d	i _c	λ _c
P60	97.06	99.99	104.57	0.321	0.331	0.0	0.0	0.0	0.97	-0.418	0				
520_770	79.45	85.97	1.6	0.475	0.514	-9.95	88.3	88.86	0.924	-0.007	96	40	575	19	474
380_520	17.61	14.02	102.97	0.13	0.104	9.94	-88.29	88.85	1.254	-2.936	276	19	474	40	575
P55	97.45	100.0	95.98	0.332	0.34	0.0	0.0	0.0	0.974	-0.383	0				
520_770	81.38	86.62	1.57	0.479	0.51	-7.57	81.57	81.92	0.939	-0.007	95	40	575	19	474
380_520	16.07	13.37	94.41	0.129	0.107	7.56	-81.57	81.92	1.2	-2.823	275	19	474	40	575
P50	98.12	100.0	86.5	0.344	0.351	0.0	0.0	0.0	0.98	-0.346	0				
520_770	83.74	87.38	1.53	0.484	0.506	-4.99	74.05	74.22	0.958	-0.007	93	40	576	20	475
380_520	14.38	12.61	84.96	0.128	0.112	4.99	-74.05	74.22	1.139	-2.694	273	20	475	40	576
P45	99.2	100.0	76.07	0.36	0.363	0.0	0.0	0.0	0.991	-0.304	0				
520_770	86.66	88.27	1.48	0.491	0.5	-2.25	65.66	65.7	0.981	-0.006	91	40	577	20	476
380_520	12.53	11.72	74.58	0.126	0.118	2.25	-65.66	65.7	1.068	-2.544	271	20	476	40	577
P40	100.93	100.0	64.68	0.379	0.376	0.0	0.0	0.0	1.009	-0.258	0				
520_770	90.38	89.32	1.42	0.498	0.493	0.58	56.35	56.35	1.011	-0.006	89	40	578	20	477
380_520	10.54	10.67	63.26	0.124	0.126	-0.58	-56.35	56.35	0.986	-2.37	269	20	477	40	578
P35	103.66	99.99	52.43	0.404	0.39	0.0	0.0	0.0	1.036	-0.209	0				
520_770	95.23	90.55	1.35	0.508	0.483	3.4	46.13	46.25	1.051	-0.005	85	40	579	20	478
380_520	8.43	9.44	51.08	0.122	0.136	-3.4	-46.13	46.25	0.892	-2.164	265	20	478	40	579
P30	108.04	100.0	39.55	0.436	0.403	0.0	0.0	0.0	1.08	-0.158	0				
520_770	101.79	92.02	1.24	0.521	0.471	5.92	35.15	35.64	1.105	-0.005	80	41	581	20	479
380_520	6.25	7.97	38.3	0.118	0.151	-5.92	-35.15	35.64	0.783	-1.92	260	20	479	41	581
P25	115.18	100.0	26.59	0.476	0.413	0.0	0.0	0.0	1.151	-0.106	0				
520_770	111.05	93.74	1.1	0.539	0.455	7.68	23.83	25.03	1.184	-0.004	72	41	584	21	481
380_520	4.13	6.25	25.49	0.115	0.174	-7.68	-23.83	25.03	0.66	-1.63	252	21	481	41	584

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Code	X	Y	Z	x	y	A	B	C _{AB}	a	b	h _{AB}	i _d	λ _d	i _c	λ _c
P60	97.06	99.99	104.57	0.321	0.331	0.0	0.0	0.0	0.97	-0.418	0				
475_575	20.55	60.02	24.55	0.195	0.57	-94.24	38.21	101.7	0.342	-0.163	157	28	517	-1	517c
575_475	76.51	39.97	80.02	0.389	0.203	94.21	-38.21	101.67	1.913	-0.8	337	-1	517c	28	517
P55	97.45	100.0	95.98	0.332	0.34	0.0	0.0	0.0	0.974	-0.383	0				
475_575	20.37	59.11	23.26	0.198	0.575	-93.06	33.47	98.9	0.344	-0.157	160	28	517	-1	517c
575_475	77.08	40.88	72.72	0.404	0.214	93.04	-33.47	98.88	1.884	-0.711	340	-1	517c	28	517
P50	98.12	100.0	86.5	0.344	0.351	0.0	0.0	0.0	0.98	-0.346	0				
475_575	20.14	57.99	21.77	0.201	0.58	-91.87	28.39	96.15	0.347	-0.15	162	28	516	-1	516c
575_475	77.97	42.0	64.72	0.422	0.227	91.84	-28.39	96.13	1.855	-0.616	342	-1	516c	28	516
P45	99.2	100.0	76.07	0.36	0.363	0.0	0.0	0.0	0.991	-0.304	0				
475_575	19.85	56.58	20.04	0.205	0.586	-90.67	23.0	93.54	0.35	-0.141	165	28	515	-1	515c
575_475	79.34	43.41	56.02	0.443	0.242	90.65	-23.0	93.52	1.827	-0.516	345	-1	515c	28	515
P40	100.93	100.0	64.68	0.379	0.376	0.0	0.0	0.0	1.009	-0.258	0				
475_575	19.46	54.77	18.03	0.21	0.593	-89.51	17.4	91.19	0.355	-0.131	168	28	515	-1	515c
575_475	81.46	45.22	46.65	0.469	0.26	89.49	-17.4	91.17	1.8	-0.412	348	-1	515c	28	515
P35	103.66	99.99	52.43	0.404	0.39	0.0	0.0	0.0	1.036	-0.209	0				
475_575	18.93	52.39	15.67	0.217	0.602	-88.41	11.79	89.19	0.361	-0.119	172	27	514	-1	514c
575_475	84.72	47.6	36.75	0.501	0.281	88.39	-11.79	89.17	1.779	-0.308	352	-1	514c	27	514
P30	108.04	100.0	39.55	0.436	0.403	0.0	0.0	0.0	1.08	-0.158	0				
475_575	18.17	49.15	12.94	0.226	0.612	-87.29	6.49	87.53	0.369	-0.105	175	27	514	-1	514c
575_475	89.86	50.84	26.6	0.537	0.303	87.28	-6.49	87.52	1.766	-0.209	355	-1	514c	27	514
P25	115.18	100.0	26.59	0.476	0.413	0.0	0.0	0.0	1.151	-0.106	0				
475_575	17.02	44.58	9.8	0.238	0.624	-85.8	2.05	85.82	0.381	-0.087	178	27	514	-1	514c
575_475	98.15	55.41	16.79	0.576	0.325	85.78	-2.05	85.81	1.77	-0.121	358	-1	514c	27	514

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TUB-test chart DEU2; YB and GM data for eight Pxx illuminants, CIE-2° observer
CIEXYZ data and data: A, B, C_{AB}, a, b, h_{AB}, A₁, B₁, C_{A1B1}, a₁, b₁, h_{A1B1}, wavelength λ_d and λ_c

Code	X	Y	Z	x	y	A ₁	B ₁	C _{AB1}	a ₁	b ₁	h _{AB1}	i _d	λ _d	i _c	λ _c
P60	97.06	99.99	104.57	0.321	0.331	0.0	0.0	0.0	0.454	-0.418	0				
520_770	79.45	85.97	1.6	0.475	0.514	29.47	88.3	93.09	0.591	-0.007	71	40	575	19	474
380_520	17.61	14.02	102.97	0.13	0.104	-29.45	-88.29	93.08	-0.385	-2.936	251	19	474	40	575
P55	97.45	100.0	95.98	0.332	0.34	0.0	0.0	0.0	0.472	-0.383	0				
520_770	81.38	86.62	1.57	0.479	0.51	28.58	81.57	86.43	0.604	-0.007	70	40	575	19	474
380_520	16.07	13.37	94.41	0.129	0.107	-28.56	-81.57	86.43	-0.381	-2.823	250	19	474	40	575
P50	98.12	100.0	86.5	0.344	0.351	0.0	0.0	0.0	0.494	-0.346	0				
520_770	83.74	87.38	1.53	0.484	0.506	27.5	74.05	78.99	0.62	-0.007	69	40	576	20	475
380_520	14.38	12.61	84.96	0.128	0.112	-27.48	-74.05	78.99	-0.377	-2.694	249	20	475	40	576
P45	99.2	100.0	76.07	0.36	0.363	0.0	0.0	0.0	0.521	-0.304	0				
520_770	86.66	88.27	1.48	0.491	0.5	26.19	65.66	70.69	0.639	-0.006	68	40	577	20	476
380_520	12.53	11.72	74.58	0.126	0.118	-26.17	-65.66	70.69	-0.371	-2.544	248	20	476	40	577
P40	100.93	100.0	64.68	0.379	0.376	0.0	0.0	0.0	0.554	-0.258	0				
520_770	90.38	89.32	1.42	0.498	0.493	24.57	56.35	61.47	0.664	-0.006	66	40	578	20	477
380_520	10.54	10.67	63.26	0.124	0.126	-24.55	-56.35	61.47	-0.365	-2.37	246	20	477	40	578
P35	103.66	99.99	52.43	0.404	0.39	0.0	0.0	0.0	0.598	-0.209	0				
520_770	95.23	90.55	1.35	0.508	0.483	22.53	46.13	51.34	0.698	-0.005	63	40	579	20	478
380_520	8.43	9.44	51.08	0.122	0.136	-22.52	-46.13	51.33	-0.355	-2.164	243	20	478	40	579
P30	108.04	100.0	39.55	0.436	0.403	0.0	0.0	0.0	0.656	-0.158	0				
520_770	101.79	92.02	1.24	0.521	0.471	19.93	35.15	40.4	0.743	-0.005	60	41	581	20	479
380_520	6.25	7.97	38.3	0.118	0.151	-19.92	-35.15	40.4	-0.342	-1.92	240	20	479	41	581
P25	115.18	100.0	26.59	0.476	0.413	0.0	0.0	0.0	0.738	-0.106	0				
520_770	111.05	93.74	1.1	0.539	0.455	16.55	23.83	29.01	0.808	-0.004	55	41	584	21	481
380_520	4.13	6.25	25.49	0.115	0.174	-16.54	-23.83	29.01	-0.319	-1.63	235	21	481	41	584

DEU21-3N

Code	X	Y	Z	x	y	A ₁	B ₁	C _{AB1}	a ₁	b ₁	h _{AB1}	i _d	λ _d	i _c	λ _c
P60	97.06	99.99	104.57	0.321	0.331	0.0	0.0	0.0	0.454	-0.418	0				
475_575	20.55	60.02	24.55	0.195	0.57	-61.8	38.21	72.66	0.042	-0.163	148	28	517	-1	517c
575_475	76.51	39.97	80.02	0.389	0.203	61.78	-38.21	72.64	1.072	-0.8	328	-1	517c	28	517
P55	97.45	100.0	95.98	0.332	0.34	0.0	0.0	0.0	0.472	-0.383	0				
475_575	20.37	59.11	23.26	0.198	0.575	-62.85	33.47	71.21	0.047	-0.157	151	28	517	-1	517c
575_475	77.08	40.88	72.72	0.404	0.214	62.83	-33.47	71.19	1.087	-0.711	331	-1	517c	28	517
P50	98.12	100.0	86.5	0.344	0.351	0.0	0.0	0.0	0.494	-0.346	0				
475_575	20.14	57.99	21.77	0.201	0.58	-64.02	28.39	70.04	0.052	-0.15	156	28	516	-1	516c
575_475	77.97	42.0	64.72	0.422	0.227	64.01	-28.39	70.02	1.103	-0.616	336	-1	516c	28	516
P45	99.2	100.0	76.07	0.36	0.363	0.0	0.0	0.0	0.521	-0.304	0				
475_575	19.85	56.58	20.04	0.205	0.586	-65.34	23.0	69.27	0.059	-0.141	160	28	515	-1	515c
575_475	79.34	43.41	56.02	0.443	0.242	65.32	-23.0	69.25	1.123	-0.516	340	-1	515c	28	515
P40	100.93	100.0	64.68	0.379	0.376	0.0	0.0	0.0	0.554	-0.258	0				
475_575	19.46	54.77	18.03	0.21	0.593	-66.77	17.4	69.0	0.067	-0.131	165	28	515	-1	515c
575_475	81.46	45.22	46.65	0.469	0.26	66.76	-17.4	68.99	1.145	-0.412	345	-1	515c	28	515
P35	103.66	99.99	52.43	0.404	0.39	0.0	0.0	0.0	0.598	-0.209	0				
475_575	18.93	52.39	15.67	0.217	0.602	-68.25	11.79	69.26	0.077	-0.119	170	27	514	-1	514c
575_475	84.72	47.6	36.75	0.501	0.281	68.24	-11.79	69.25	1.171	-0.308	350	-1	514c	27	514
P30	108.04	100.0	39.55	0.436	0.403	0.0	0.0	0.0	0.656	-0.158	0				
475_575	18.17	49.15	12.94	0.226	0.612	-69.59	6.49	69.89	0.09	-0.105	174	27	514	-1	514c
575_475	89.86	50.84	26.6	0.537	0.303	69.58	-6.49	69.88	1.204	-0.209	354	-1	514c	27	514
P25	115.18	100.0	26.59	0.476	0.413	0.0	0.0	0.0	0.738	-0.106	0				
475_575	17.02	44.58	9.8	0.238	0.624	-70.25	2.05	70.28	0.107	-0.087	178	27	514	-1	514c
575_475	98.15	55.41	16.79	0.576	0.325	70.24	-2.05	70.27	1.245	-0.121	358	-1	514c	27	514