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Code	X	Y	Z	x	y	A ₂	B ₂	C _{A2B2}	a ₂	b ₂	h _{AB2}	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	0.638	-0.418	0				
520_770	79.45	85.97	1.6	0.475	0.514	12.32	70.64	71.7	0.71	-0.007	80	40	575	19	474
380_520	17.61	14.02	102.97	0.13	0.104	-12.31	-70.63	71.7	0.199	-2.936	260	19	474	40	575
P55	97.45	100.0	95.98	0.332	0.34	0.0	0.0	0.0	0.651	-0.383	0				
520_770	81.38	86.62	1.57	0.479	0.51	14.11	73.41	74.76	0.724	-0.007	79	40	575	19	474
380_520	16.07	13.37	94.41	0.129	0.107	-14.1	-73.41	74.76	0.182	-2.823	259	19	474	40	575
P50	98.12	100.0	86.5	0.344	0.351	0.0	0.0	0.0	0.667	-0.346	0				
520_770	83.74	87.38	1.53	0.484	0.506	15.91	74.05	75.74	0.74	-0.007	77	40	576	20	475
380_520	14.38	12.61	84.96	0.128	0.112	-15.9	-74.05	75.74	0.163	-2.694	257	20	475	40	576
P45	99.2	100.0	76.07	0.36	0.363	0.0	0.0	0.0	0.689	-0.304	0				
520_770	86.66	88.27	1.48	0.491	0.5	17.64	72.23	74.35	0.761	-0.006	76	40	577	20	476
380_520	12.53	11.72	74.58	0.126	0.118	-17.63	-72.23	74.35	0.141	-2.544	256	20	476	40	577
P40	100.93	100.0	64.68	0.379	0.376	0.0	0.0	0.0	0.716	-0.258	0				
520_770	90.38	89.32	1.42	0.498	0.493	20.82	73.26	76.16	0.788	-0.006	74	40	578	20	477
380_520	10.54	10.67	63.26	0.124	0.126	-20.8	-73.26	76.16	0.117	-2.37	254	20	477	40	578
P35	103.66	99.99	52.43	0.404	0.39	0.0	0.0	0.0	0.754	-0.209	0				
520_770	95.23	90.55	1.35	0.508	0.483	28.27	83.04	87.72	0.824	-0.005	71	40	579	20	478
380_520	8.43	9.44	51.08	0.122	0.136	-28.26	-83.03	87.71	0.089	-2.164	251	20	478	40	579
P30	108.04	100.0	39.55	0.436	0.403	0.0	0.0	0.0	0.807	-0.158	0				
520_770	101.79	92.02	1.24	0.521	0.471	37.33	87.87	95.48	0.872	-0.005	66	41	581	20	479
380_520	6.25	7.97	38.3	0.118	0.151	-37.32	-87.87	95.47	0.059	-1.92	246	20	479	41	581
P25	115.18	100.0	26.59	0.476	0.413	0.0	0.0	0.0	0.885	-0.106	0				
520_770	111.05	93.74	1.1	0.539	0.455	49.53	88.17	101.13	0.942	-0.004	60	41	584	21	481
380_520	4.13	6.25	25.49	0.115	0.174	-49.52	-88.17	101.12	0.029	-1.63	240	21	481	41	584

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Code	X	Y	Z	x	y	A ₂	B ₂	C _{A2B2}	a ₂	b ₂	h _{AB2}	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	0.638	-0.418	0				
475_575	20.55	60.02	24.55	0.195	0.57	-58.7	30.57	66.18	0.149	-0.163	152	28	517	-1	517c
575_475	76.51	39.97	80.02	0.389	0.203	58.68	-30.57	66.16	1.372	-0.8	332	-1	517c	28	517
P55	97.45	100.0	95.98	0.332	0.34	0.0	0.0	0.0	0.651	-0.383	0				
475_575	20.37	59.11	23.26	0.198	0.575	-66.26	30.13	72.79	0.153	-0.157	155	28	517	-1	517c
575_475	77.08	40.88	72.72	0.404	0.214	66.24	-30.13	72.77	1.371	-0.711	335	-1	517c	28	517
P50	98.12	100.0	86.5	0.344	0.351	0.0	0.0	0.0	0.667	-0.346	0				
475_575	20.14	57.99	21.77	0.201	0.58	-73.96	28.39	79.22	0.157	-0.15	158	28	516	-1	516c
575_475	77.97	42.0	64.72	0.422	0.227	73.94	-28.39	79.2	1.372	-0.616	338	-1	516c	28	516
P45	99.2	100.0	76.07	0.36	0.363	0.0	0.0	0.0	0.689	-0.304	0				
475_575	19.85	56.58	20.04	0.205	0.586	-81.81	25.3	85.64	0.163	-0.141	162	28	515	-1	515c
575_475	79.34	43.41	56.02	0.443	0.242	81.79	-25.3	85.62	1.374	-0.516	342	-1	515c	28	515
P40	100.93	100.0	64.68	0.379	0.376	0.0	0.0	0.0	0.716	-0.258	0				
475_575	19.46	54.77	18.03	0.21	0.593	-97.35	22.62	99.94	0.17	-0.131	166	28	515	-1	515c
575_475	81.46	45.22	46.65	0.469	0.26	97.33	-22.62	99.92	1.379	-0.412	346	-1	515c	28	515
P35	103.66	99.99	52.43	0.404	0.39	0.0	0.0	0.0	0.754	-0.209	0				
475_575	18.93	52.39	15.67	0.217	0.602	-135.8	21.22	137.45	0.178	-0.119	171	27	514	-1	514c
575_475	84.72	47.6	36.75	0.501	0.281	135.77	-21.22	137.42	1.388	-0.308	351	-1	514c	27	514
P30	108.04	100.0	39.55	0.436	0.403	0.0	0.0	0.0	0.807	-0.158	0				
475_575	18.17	49.15	12.94	0.226	0.612	-189.76	6.24	190.46	0.19	-0.105	175	27	514	-1	514c
575_475	89.86	50.84	26.6	0.537	0.303	189.73	-16.24	190.43	1.404	-0.209	355	-1	514c	27	514
P25	115.18	100.0	26.59	0.476	0.413	0.0	0.0	0.0	0.885	-0.106	0				
475_575	17.02	44.58	9.8	0.238	0.624	-280.45	7.59	280.56	0.205	-0.087	178	27	514	-1	514c
575_475	98.15	55.41	16.79	0.576	0.325	280.41	-7.59	280.52	1.432	-0.121	358	-1	514c	27	514

DEU30-7N

TUB-test chart DEU3; YB and GM data for eight Pxx illuminants, CIE-2° observer
CIEXYZ data and data: A₂, B₂, C_{A2B2}, a₂, b₂, h_{AB2}, a*, b*, C*_{ab}, a', b', h_{ab}, wavelength λ_d and λ_c

Code	X	Y	Z	x	y	a*	b*	C*	a'	b'	h	i _d	λ _d	i _c	λ _c
P60	97.06	99.99	104.57	0.321	0.331	0.0	0.0	0.01	0.215	-0.086	0				
520_770	79.45	85.97	1.6	0.475	0.514	-7.7	140.39	140.6	0.211	-0.022	93	40	575	19	474
380_520	17.61	14.02	102.97	0.13	0.104	23.23	-95.03	97.83	0.234	-0.165	283	19	474	40	575
P55	97.45	100.0	95.98	0.332	0.34	0.0	0.0	0.01	0.215	-0.086	0				
520_770	81.38	86.62	1.57	0.479	0.51	-5.78	139.76	139.88	0.212	-0.022	92	40	575	19	474
380_520	16.07	13.37	94.41	0.129	0.107	18.48	-96.6	98.35	0.231	-0.167	280	19	474	40	575
P50	98.12	100.0	86.5	0.344	0.351	0.0	0.0	0.01	0.215	-0.086	0				
520_770	83.74	87.38	1.53	0.484	0.506	-3.75	138.95	139.0	0.213	-0.023	91	40	576	20	475
380_520	14.38	12.61	84.96	0.128	0.112	12.87	-98.49	99.32	0.226	-0.17	277	20	475	40	576
P45	99.2	100.0	76.07	0.36	0.363	0.0	0.0	0.01	0.215	-0.086	0				
520_770	86.66	88.27	1.48	0.491	0.5	-1.66	137.88	137.89	0.214	-0.024	90	40	577	20	476
380_520	12.53	11.72	74.58	0.126	0.118	6.2	-100.78	100.97	0.22	-0.174	273	20	476	40	577
P40	100.93	100.0	64.68	0.379	0.376	0.0	0.0	0.01	0.215	-0.086	0				
520_770	90.38	89.32	1.42	0.498	0.493	0.4	136.42	136.42	0.215	-0.025	89	40	578	20	477
380_520	10.54	10.67	63.26	0.124	0.126	-1.7	-103.61	103.62	0.213	-0.18	269	20	477	40	578
P35	103.66	99.99	52.43	0.404	0.39	0.0	0.0	0.01	0.215	-0.086	0				
520_770	95.23	90.55	1.35	0.508	0.483	2.31	134.37	134.39	0.216	-0.026	89	40	579	20	478
380_520	8.43	9.44	51.08	0.122	0.136	-11.03	-107.17	107.74	0.204	-0.187	264	20	478	40	579
P30	108.04	100.0	39.55	0.436	0.403	0.0	0.0	0.01	0.215	-0.086	0				
520_770	101.79	92.02	1.24	0.521	0.471	3.82	131.32	131.38	0.217	-0.027	88	41	581	20	479
380_520	6.25	7.97	38.3	0.118	0.151	-21.82	-111.73	113.86	0.193	-0.198	258	20	479	41	581
P25	115.18	100.0	26.59	0.476	0.413	0.0	0.0	0.01	0.215	-0.086	0				
520_770	111.05	93.74	1.1	0.539	0.455	4.59	126.51	126.6	0.217	-0.03	87	41	584	21	481
380_520	4.13	6.25	25.49	0.115	0.174	-33.5	-117.72	122.44	0.179	-0.214	254	21	481	41	584

DEU31-3N

Code	X	Y	Z	x	y	a*	b*	C*	a'	b'	h	i _d	λ _d	i _c	λ _c
P60	97.06	99.99	104.57	0.321	0.331	0.0	0.0	0.01	0.215	-0.086	0				
475_575	20.55	60.02	24.55	0.195	0.57	-123.74	45.31	131.78	0.152	-0.063	159	28	517	-1	517c
575_475	76.51	39.97	80.02	0.389	0.203	93.53	-35.59	100.08	0.27	-0.106	339	-1	517c	28	517
P55	97.45	100.0	95.98	0.332	0.34	0.0	0.0	0.01	0.215	-0.086	0				
475_575	20.37	59.11	23.26	0.198	0.575	-122.87	43.15	130.22	0.152	-0.064	160	28	517	-1	517c
575_475	77.08	40.88	72.72	0.404	0.214	91.29	-33.88	97.38	0.268	-0.105	339	-1	517c	28	517
P50	98.12	100.0	86.5	0.344	0.351	0.0	0.0	0.01	0.215	-0.086	0				
475_575	20.14	57.99	21.77	0.201	0.58	-121.97	40.49	128.51	0.152	-0.065	161	28	516	-1	516c
575_475	77.97	42.0	64.72	0.422	0.227	88.66	-31.78	94.18	0.266	-0.104	340	-1	516c	28	516
P45	99.2	100.0	76.07	0.36	0.363	0.0	0.0	0.01	0.215	-0.086	0				
475_575	19.85	56.58	20.04	0.205	0.586	-121.06	37.19	126.65	0.152	-0.066	162	28	515	-1	515c
575_475	79.34	43.41	56.02	0.443	0.242	85.52	-29.17	90.36	0.264	-0.102	341	-1	515c	28	515
P40	100.93	100.0	64.68	0.379	0.376	0.0	0.0	0.01	0.215	-0.086	0				
475_575	19.46	54.77	18.03	0.21	0.593	-120.18	32.99	124.62	0.152	-0.068	164	28	515	-1	515c
575_475	81.46	45.22	46.65	0.469	0.26	81.73	-25.84	85.72	0.261	-0.1	342	-1	515c	28	515
P35	103.66	99.99	52.43	0.404	0.39	0.0	0.0	0.01	0.215	-0.086	0				
475_575	18.93	52.39	15.67	0.217	0.602	-119.34	27.48	122.47	0.151	-0.071	167	27	514	-1	514c
575_475	84.72	47.6	36.75	0.501	0.281	77.05	-21.49	80.0	0.257	-0.098	344	-1	514c	27	514
P30	108.04	100.0	39.55	0.436	0.403	0.0	0.0	0.01	0.215	-0.086	0				
475_575	18.17	49.15	12.94	0.226	0.612	-118.54	20.01	120.21	0.15	-0.075	170	27	514	-1	514c
575_475	89.86	50.84	26.6	0.537	0.303	71.13	-15.61	72.82	0.253	-0.094	347	-1	514c	27	514
P25	115.18	100.0	26.59	0.476	0.413	0.0	0.0	0.01	0.215	-0.086	0				
475_575	17.02	44.58	9.8	0.238	0.624	-117.59	9.38	117.95	0.149	-0.08	175	27	514	-1	514c
575_475	98.15	55.41	16.79	0.576	0.325	63.34	-7.3	63.76	0.248	-0.09	353	-1	514c	27	514