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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				
520_770	77.5	83.36	0.95	0.478	0.515	-3.72	88.8	88.88	0.929	-0.004	92	39	574	19	472
380_520	17.26	16.63	106.71	0.122	0.118	3.72	-88.8	88.88	1.036	-2.565	272	19	472	39	574
D50	96.58	99.99	80.59	0.348	0.36	0.0	0.0	0.0	0.965	-0.322	0				
520_770	83.88	85.84	0.89	0.491	0.503	2.45	68.28	68.32	0.976	-0.004	87	40	576	19	474
380_520	12.69	14.15	79.69	0.119	0.132	-2.45	-68.28	68.32	0.896	-2.251	267	19	474	40	576
P40	101.48	99.99	63.36	0.383	0.377	0.0	0.0	0.0	1.014	-0.253	0				
520_770	91.5	88.16	0.81	0.506	0.488	5.08	55.04	55.28	1.037	-0.003	84	40	578	20	475
380_520	9.97	11.83	62.54	0.118	0.14	-5.08	-55.04	55.28	0.842	-2.114	264	20	475	40	578
A00	110.75	100.0	33.88	0.452	0.408	0.0	0.0	0.0	1.107	-0.135	0				
520_770	105.56	91.88	0.67	0.532	0.463	9.49	30.45	31.9	1.148	-0.002	72	41	582	20	478
380_520	5.18	8.11	33.2	0.111	0.174	-9.48	-30.45	31.9	0.639	-1.637	252	20	478	41	582
E00	100.03	100.0	100.18	0.333	0.333	0.0	0.0	0.0	1.0	-0.4	0				
520_770	83.76	84.99	0.89	0.493	0.5	-3.11	84.25	84.31	0.985	-0.004	92	40	576	19	472
380_520	16.26	15.0	99.29	0.124	0.114	3.11	-84.25	84.31	0.982	-2.646	272	19	472	40	576
C00	97.37	100.0	116.53	0.31	0.318	0.0	0.0	0.0	0.973	-0.466	0				
520_770	78.61	83.0	0.87	0.483	0.51	-5.49	95.84	96.0	0.946	-0.004	93	40	575	19	472
380_520	18.75	16.99	115.65	0.123	0.112	5.49	-95.84	96.0	1.102	-2.721	273	19	472	40	575
P00	102.34	100.0	80.59	0.361	0.353	0.0	0.0	0.0	1.023	-0.322	0				
520_770	89.38	86.87	0.83	0.504	0.49	1.2	69.17	69.18	1.028	-0.003	89	40	578	19	473
380_520	12.96	13.12	79.75	0.122	0.124	-1.2	-69.17	69.18	0.986	-2.429	269	19	473	40	578
Q00	97.73	100.0	119.72	0.307	0.315	0.0	0.0	0.0	0.976	-0.478	0				
520_770	78.16	83.11	0.94	0.481	0.512	-7.63	98.56	98.86	0.94	-0.004	94	40	575	19	471
380_520	19.56	16.88	118.78	0.126	0.108	7.62	-98.56	98.86	1.157	-2.813	274	19	471	40	575

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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				
475_575	20.5	59.59	22.34	0.2	0.581	-89.91	41.81	99.16	0.343	-0.149	155	28	518	-1	518c
575_475	74.27	40.4	85.32	0.371	0.202	89.88	-41.81	99.14	1.837	-0.844	335	-1	518c	28	518
D50	96.58	99.99	80.59	0.348	0.36	0.0	0.0	0.0	0.965	-0.322	0				
475_575	20.02	56.98	18.78	0.209	0.594	-87.48	27.13	91.59	0.351	-0.131	162	28	516	-1	516c
575_475	76.55	43.01	61.8	0.422	0.237	87.46	-27.13	91.57	1.778	-0.574	342	-1	516c	28	516
P40	101.48	99.99	63.36	0.383	0.377	0.0	0.0	0.0	1.014	-0.253	0				
475_575	19.18	53.02	15.2	0.219	0.606	-86.52	18.38	88.45	0.361	-0.114	168	28	515	-1	515c
575_475	82.29	46.97	48.15	0.463	0.264	86.5	-18.38	88.43	1.751	-0.41	347	-1	515c	28	515
A00	110.75	100.0	33.88	0.452	0.408	0.0	0.0	0.0	1.107	-0.135	0				
475_575	17.67	46.22	10.03	0.239	0.625	-83.79	5.62	83.98	0.382	-0.086	176	27	513	-1	513c
575_475	93.08	53.77	23.84	0.545	0.314	83.78	-5.62	83.97	1.73	-0.177	356	-1	513c	27	513
E00	100.03	100.0	100.18	0.333	0.333	0.0	0.0	0.0	1.0	-0.4	0				
475_575	19.68	56.25	19.59	0.206	0.588	-91.45	36.76	98.56	0.349	-0.139	158	28	518	-1	518c
575_475	80.35	43.74	80.58	0.392	0.213	91.42	-36.76	98.53	1.836	-0.736	338	-1	518c	28	518
C00	97.37	100.0	116.53	0.31	0.318	0.0	0.0	0.0	0.973	-0.466	0				
475_575	20.71	58.69	23.52	0.201	0.57	-91.04	44.87	101.5	0.352	-0.16	153	28	518	-1	518c
575_475	76.65	41.3	93.01	0.363	0.195	91.01	-44.87	101.47	1.854	-0.9	333	-1	518c	28	518
P00	102.34	100.0	80.59	0.361	0.353	0.0	0.0	0.0	1.023	-0.322	0				
475_575	19.19	53.75	17.0	0.213	0.597	-89.51	26.31	93.29	0.357	-0.126	163	28	516	-1	516c
575_475	83.14	46.24	63.58	0.43	0.239	89.48	-26.31	93.27	1.797	-0.549	343	-1	516c	28	516
Q00	97.73	100.0	119.72	0.307	0.315	0.0	0.0	0.0	0.976	-0.478	0				
475_575	20.16	58.75	22.18	0.199	0.581	-93.1	48.16	104.82	0.343	-0.151	152	29	520	-1	520c
575_475	77.56	41.24	97.54	0.358	0.19	93.06	-48.16	104.79	1.879	-0.946	332	-1	520c	29	520

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TUB-test chart DEU9; YB and GM 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

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				
520_770	77.5	83.36	0.95	0.478	0.515	34.86	88.8	95.4	0.597	-0.004	68	39	574	19	472
380_520	17.26	16.63	106.71	0.122	0.118	-34.83	-88.8	95.39	-0.407	-2.565	248	19	472	39	574
D50	96.58	99.99	80.59	0.348	0.36	0.0	0.0	0.0	0.491	-0.322	0				
520_770	83.88	85.84	0.89	0.491	0.503	31.21	68.28	75.08	0.637	-0.004	65	40	576	19	474
380_520	12.69	14.15	79.69	0.119	0.132	-31.2	-68.28	75.07	-0.389	-2.251	245	19	474	40	576
P40	101.48	99.99	63.36	0.383	0.377	0.0	0.0	0.0	0.561	-0.253	0				
520_770	91.5	88.16	0.81	0.506	0.488	27.74	55.04	61.64	0.687	-0.003	63	40	578	20	475
380_520	9.97	11.83	62.54	0.118	0.14	-27.72	-55.04	61.63	-0.375	-2.114	243	20	475	40	578
A00	110.75	100.0	33.88	0.452	0.408	0.0	0.0	0.0	0.689	-0.135	0				
520_770	105.56	91.88	0.67	0.532	0.463	20.88	30.45	36.93	0.779	-0.002	55	41	582	20	478
380_520	5.18	8.11	33.2	0.111	0.174	-20.87	-30.45	36.92	-0.34	-1.637	235	20	478	41	582
E00	100.03	100.0	100.18	0.333	0.333	0.0	0.0	0.0	0.486	-0.4	0				
520_770	83.76	84.99	0.89	0.493	0.5	33.42	84.25	90.64	0.644	-0.004	68	40	576	19	472
380_520	16.26	15.0	99.29	0.124	0.114	-33.4	-84.25	90.63	-0.403	-2.646	248	19	472	40	576
C00	97.37	100.0	116.53	0.31	0.318	0.0	0.0	0.0	0.436	-0.466	0				
520_770	78.61	83.0	0.87	0.483	0.51	36.4	95.84	102.52	0.612	-0.004	69	40	575	19	472
380_520	18.75	16.99	115.65	0.123	0.112	-36.37	-95.84	102.51	-0.419	-2.721	249	19	472	40	575
P00	102.34	100.0	80.59	0.361	0.353	0.0	0.0	0.0	0.539	-0.322	0				
520_770	89.38	86.87	0.83	0.504	0.49	30.55	69.17	75.62	0.68	-0.003	66	40	578	19	473
380_520	12.96	13.12	79.75	0.122	0.124	-30.54	-69.17	75.61	-0.39	-2.429	246	19	473	40	578
Q00	97.73	100.0	119.72	0.307	0.315	0.0	0.0	0.0	0.434	-0.478	0				
520_770	78.16	83.11	0.94	0.481	0.512	35.79	98.56	104.86	0.606	-0.004	70	40	575	19	471
380_520	19.56	16.88	118.78	0.126	0.108	-35.76	-98.56	104.85	-0.412	-2.813	250	19	471	40	575

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<i>Code</i>	<i>X</i> _{F10}	<i>Y</i> _{F10}	<i>Z</i> _{F10}	<i>x</i> _{F10}	<i>y</i> _{F10}	<i>A</i> _{1,F10}	<i>B</i> _{1,F10}	<i>C</i> _{AB1,F10}	<i>a</i> _{1,F10}	<i>b</i> _{1,F10}	<i>h</i> _{AB1,F10}	<i>i</i> _d	<i>λ</i> _d	<i>i</i> _c	<i>λ</i> _c
D65	94.77	100.0	107.66	0.313	0.33	0.0	0.0	0.0	0.43	-0.43	0				
475_575	20.5	59.59	22.34	0.2	0.581	-56.67	41.81	70.43	0.05	-0.149	143	28	518	-1	518c
575_475	74.27	40.4	85.32	0.371	0.202	56.65	-41.81	70.41	0.991	-0.844	323	-1	518c	28	518
D50	96.58	99.99	80.59	0.348	0.36	0.0	0.0	0.0	0.491	-0.322	0				
475_575	20.02	56.98	18.78	0.209	0.594	-60.93	27.13	66.7	0.063	-0.131	155	28	516	-1	516c
575_475	76.55	43.01	61.8	0.422	0.237	60.91	-27.13	66.68	1.058	-0.574	335	-1	516c	28	516
P40	101.48	99.99	63.36	0.383	0.377	0.0	0.0	0.0	0.561	-0.253	0				
475_575	19.18	53.02	15.2	0.219	0.606	-63.86	18.38	66.46	0.079	-0.114	163	28	515	-1	515c
575_475	82.29	46.97	48.15	0.463	0.264	63.85	-18.38	66.45	1.105	-0.41	343	-1	515c	28	515
A00	110.75	100.0	33.88	0.452	0.408	0.0	0.0	0.0	0.689	-0.135	0				
475_575	17.67	46.22	10.03	0.239	0.625	-67.06	5.62	67.3	0.108	-0.086	175	27	513	-1	513c
575_475	93.08	53.77	23.84	0.545	0.314	67.05	-5.62	67.29	1.187	-0.177	355	-1	513c	27	513
E00	100.03	100.0	100.18	0.333	0.333	0.0	0.0	0.0	0.486	-0.4	0				
475_575	19.68	56.25	19.59	0.206	0.588	-60.1	36.76	70.45	0.059	-0.139	148	28	518	-1	518c
575_475	80.35	43.74	80.58	0.392	0.213	60.08	-36.76	70.44	1.036	-0.736	328	-1	518c	28	518
C00	97.37	100.0	116.53	0.31	0.318	0.0	0.0	0.0	0.436	-0.466	0				
475_575	20.71	58.69	23.52	0.201	0.57	-56.3	44.87	71.99	0.053	-0.16	141	28	518	-1	518c
575_475	76.65	41.3	93.01	0.363	0.195	56.28	-44.87	71.98	0.981	-0.9	321	-1	518c	28	518
P00	102.34	100.0	80.59	0.361	0.353	0.0	0.0	0.0	0.539	-0.322	0				
475_575	19.19	53.75	17.0	0.213	0.597	-62.96	26.31	68.23	0.07	-0.126	157	28	516	-1	516c
575_475	83.14	46.24	63.58	0.43	0.239	62.94	-26.31	68.22	1.083	-0.549	337	-1	516c	28	516
Q00	97.73	100.0	119.72	0.307	0.315	0.0	0.0	0.0	0.434	-0.478	0				
475_575	20.16	58.75	22.18	0.199	0.581	-56.6	48.16	74.32	0.048	-0.151	139	29	520	-1	520c
575_475	77.56	41.24	97.54	0.358	0.19	56.58	-48.16	74.3	0.983	-0.946	319	-1	520c	29	520