Spectral data on the purple line: LMS_17M3, t_{sa}=0.0 , D65, not normalized

i	λd	X_i	Y_i	Z_i	x_i	y_i	z_i		*INP*	*IPN*
0	495	0.0566	0.403	0.5853	0.0541	0.3856	0.56		19	−1
1	500	0.0273	0.473	0.4876	0.0277	0.4787	0.4934		20	−1
2	505	0.0123	0.5423	0.3957	0.0129	0.5706	0.4163		21	−1
3	510	0.0137	0.6134	0.3159	0.0146	0.6502	0.3349		21	−1
4	515	0.0326	0.6797	0.2466	0.034	0.7087	0.2571		23	−1
5	520	0.0688	0.7428	0.1894	0.0688	0.7419	0.1891		23	−1
6	525	0.1248	0.823	0.1471	0.114	0.7515	0.1343		25	−1
7	530	0.199	0.8999	0.1125	0.1643	0.7427	0.0928		25	−1
8	535	0.2813	0.9419	0.0822	0.2154	0.7214	0.0629		27	−1
9	540	0.3716	0.9731	0.0591	0.2647	0.693	0.0421		28	−1
10	545	0.4717	1.0048	0.0424	0.3105	0.6614	0.0279		28	−1
11	550	0.573	1.0234	0.0299	0.3523	0.6292	0.0184		29	−1
12	555	0.659	1.0102	0.0204	0.3899	0.5978	0.012		30	10
13	560	0.7332	0.9832	0.0137	0.4237	0.5682	0.0079		32	13
14	565	0.7937	0.9453	0.009	0.4539	0.5407	0.0051		32	14
i	λd	X_{ci}	Y_{ci}	Z_{ci}	x_{ci}	y_{ci}	z_{ci}	*TNX*	*XIE1*	*XIE2*
60	700	0.0041	0.0017	0.0	0.695	0.2883	0.0	not normalized		
1	495c	0.0043	0.0017	0.0004	0.6525	0.2611	0.0712	0.0006	0.996	0.997
2	500c	0.0048	0.0017	0.002	0.555	0.1987	0.2346	−0.0009	0.9873	0.9882
3	505c	0.0051	0.0017	0.0029	0.5162	0.1739	0.2997	0.0007	0.9804	0.9814
4	510c	0.0054	0.0017	0.0039	0.486	0.1546	0.3503	0.0011	0.9746	0.9755
5	515c	0.0057	0.0017	0.0048	0.4619	0.1392	0.3907	0.0009	0.9687	0.9697
6	520c	0.006	0.0017	0.0058	0.4423	0.1266	0.4237	0.0011	0.9628	0.9638
7	525c	0.0064	0.0017	0.007	0.421	0.113	0.4594	−0.0003	0.956	0.957
8	530c	0.0069	0.0017	0.0083	0.4039	0.1021	0.488	0.0009	0.9472	0.9482
9	535c	0.0076	0.0017	0.0105	0.3809	0.0873	0.5267	−0.0002	0.9345	0.9355
10	540c	0.0087	0.0017	0.014	0.3557	0.0713	0.5688	−0.0004	0.913	0.914
11	545c	0.0111	0.0017	0.0212	0.325	0.0516	0.6203	0.0	0.8681	0.8691
12	550c	0.0201	0.0018	0.0486	0.2846	0.0257	0.6881	0.0	0.6972	0.6982
13	555c	0.0569	0.002	0.1609	0.2587	0.0092	0.7315	0.1606	0.0	0.0009
14	560c	0.0569	0.002	0.1609	0.2587	0.0092	0.7315	0.4723	0.0	0.0009
15	565c	0.0569	0.002	0.1609	0.2587	0.0092	0.7315	0.7568	0.0	0.0009
0	400	0.0569	0.002	0.1611	0.2587	0.0092	0.7315	not normalized		
Tristimulus values of reference illuminant										
380	780	20.416	21.16	22.423	0.3189	0.3306	0.3503	not normalized		
380	780	96.482	100.0	105.97	0.3189	0.3306	0.3503	normalized, Y_w=100		

Spectral data on the purple line: λ_d= 700nm to 400nm, not normalized

0.0041	0.0043	0.0048	0.0051	0.0054	0.0057	0.006	0.0064	0.0069
0.0076	0.0087	0.0111	0.0201	0.0569	0.0569	0.0569	0.0569	
0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
0.0017	0.0017	0.0017	0.0018	0.002	0.002	0.002	0.002	
0.0	0.0004	0.002	0.0029	0.0039	0.0048	0.0058	0.007	0.0083
0.0105	0.014	0.0212	0.0486	0.1609	0.1609	0.1609	0.1611	

CE860−7N

Spectral data on the purple line: LMS_17M3, t_{sa}=0.0 , D65, normalized, Y_w=100

i	λd	X_{ni}	Y_{ni}	Z_{ni}	x_{ni}	y_{ni}	z_{ni}		*INP*	*IPN*
0	495	0.2675	1.9046	2.7661	0.0541	0.3856	0.5601		19	−1
1	500	0.1294	2.2356	2.3044	0.0277	0.4787	0.4934		20	−1
2	505	0.0581	2.5632	1.8701	0.0129	0.5706	0.4163		21	−1
3	510	0.0651	2.8989	1.4933	0.0146	0.6503	0.335		21	−1
4	515	0.1543	3.2125	1.1656	0.034	0.7087	0.2571		23	−1
5	520	0.3256	3.5107	0.8951	0.0688	0.7419	0.1891		24	−1
6	525	0.5899	3.8893	0.6952	0.114	0.7516	0.1343		24	−1
7	530	0.9408	4.2529	0.5318	0.1643	0.7427	0.0928		25	−1
8	535	1.3295	4.4515	0.3884	0.2154	0.7215	0.0629		26	−1
9	540	1.7565	4.5988	0.2794	0.2647	0.6931	0.0421		27	−1
10	545	2.2293	4.7487	0.2004	0.3105	0.6615	0.0279		28	−1
11	550	2.708	4.8364	0.1414	0.3523	0.6292	0.0184		29	−1
12	555	3.1143	4.7741	0.0965	0.39	0.5978	0.012		31	10
13	560	3.4653	4.6465	0.0647	0.4238	0.5682	0.0079		31	13
14	565	3.7509	4.4677	0.0428	0.454	0.5407	0.0051		33	14
i	λd	X_{cni}	Y_{cni}	Z_{cni}	x_{cni}	y_{cni}	z_{cni}	*TNX*	*XIE1*	*XIE2*
60	700	0.0196	0.0081	0.0	0.7042	0.2921	0.0	normalized, Y_w=100		
1	495c	0.0204	0.0081	0.0022	0.6603	0.2642	0.0721	0.0152	0.996	0.997
2	500c	0.0228	0.0081	0.0096	0.5601	0.2006	0.2367	−0.0219	0.9873	0.9882
3	505c	0.0243	0.0081	0.0141	0.5203	0.1753	0.3021	0.0159	0.9804	0.9814
4	510c	0.0257	0.0082	0.0185	0.4895	0.1557	0.3528	0.0251	0.9746	0.9755
5	515c	0.0272	0.0082	0.023	0.4649	0.1401	0.3932	0.0215	0.9687	0.9697
6	520c	0.0287	0.0082	0.0275	0.4448	0.1273	0.4262	0.0245	0.9628	0.9638
7	525c	0.0306	0.0082	0.0334	0.4232	0.1136	0.4617	−0.0079	0.956	0.957
8	530c	0.0326	0.0082	0.0394	0.4058	0.1025	0.4903	0.0218	0.9472	0.9482
9	535c	0.036	0.0082	0.0498	0.3824	0.0877	0.5287	−0.0066	0.9345	0.9355
10	540c	0.0413	0.0082	0.0661	0.3569	0.0715	0.5706	−0.0094	0.913	0.914
11	545c	0.0526	0.0083	0.1003	0.3258	0.0517	0.6217	−0.0019	0.8681	0.8691
12	550c	0.095	0.0086	0.2297	0.2849	0.0258	0.6889	0.002	0.6972	0.6982
13	555c	0.269	0.0096	0.7606	0.2588	0.0092	0.7317	3.5888	0.0	0.0009
14	560c	0.269	0.0096	0.7606	0.2588	0.0092	0.7317	10.5493	0.0	0.0009
15	565c	0.269	0.0096	0.7606	0.2588	0.0092	0.7317	16.9032	0.0	0.0009
0	400	0.2693	0.0096	0.7614	0.2588	0.0092	0.7318	normalized, Y_w=100		
Tristimulus values of reference illuminant										
380	780	20.416	21.16	22.423	0.3189	0.3306	0.3503	not normalized		
380	780	96.482	100.0	105.97	0.3189	0.3306	0.3503	normalized, Y_w=100		

Spectral data on the purple line: λ_d= 700nm to 400nm, normalized, Y_w=100

0.0196	0.0204	0.0228	0.0243	0.0257	0.0272	0.0287	0.0306	0.0326
0.036	0.0413	0.0526	0.095	0.269	0.269	0.269	0.2693	
0.0081	0.0081	0.0081	0.0081	0.0082	0.0082	0.0082	0.0082	0.0082
0.0082	0.0082	0.0083	0.0086	0.0096	0.0096	0.0096	0.0096	
0.0	0.0022	0.0096	0.0141	0.0185	0.023	0.0275	0.0334	0.0394
0.0498	0.0661	0.1003	0.2297	0.7606	0.7606	0.7606	0.7614	

CE861−7N

see similar files: http://farbe.li.tu-berlin.de/CE86/CE86.HTM
technical information: http://farbe.li.tu-berlin.de or http://130.149.60.45/~farbmetrik

TUB registration: 20180301-CE86/CE86L0NP.PDF /.PS
application for measurement of offset print output

TUB material: code=rha4ta

Spectral data on the purple line: LMS_17M3, t_{sa}=0.0 , D50, not normalized

i	λd	X_i	Y_i	Z_i	x_i	y_i	z_i		*INP*	*IPN*
0	495	0.0486	0.3465	0.5032	0.0541	0.3856	0.56		19	47
1	500	0.0239	0.4138	0.4265	0.0277	0.4787	0.4934		20	−1
2	505	0.0109	0.4804	0.3505	0.0129	0.5706	0.4163		20	−1
3	510	0.0123	0.5496	0.2831	0.0146	0.6502	0.3349		22	−1
4	515	0.0297	0.619	0.2246	0.034	0.7086	0.2571		23	−1
5	520	0.0638	0.6882	0.1755	0.0688	0.7419	0.1891		24	−1
6	525	0.117	0.7718	0.1379	0.1139	0.7515	0.1343		25	−1
7	530	0.1887	0.8531	0.1066	0.1643	0.7427	0.0928		25	−1
8	535	0.2691	0.901	0.0786	0.2154	0.7214	0.0629		26	−1
9	540	0.3588	0.9395	0.057	0.2647	0.693	0.0421		27	−1
10	545	0.4595	0.9788	0.0413	0.3105	0.6614	0.0279		29	−1
11	550	0.5636	1.0066	0.0294	0.3523	0.6292	0.0184		29	−1
12	555	0.6538	1.0023	0.0202	0.3899	0.5978	0.012		31	−1
13	560	0.7332	0.9832	0.0137	0.4237	0.5682	0.0079		32	12
14	565	0.7993	0.9521	0.0091	0.4539	0.5407	0.0051		33	14
i	λd	X_{ci}	Y_{ci}	Z_{ci}	x_{ci}	y_{ci}	z_{ci}	*TNX*	*XIE1*	*XIE2*
60	700	0.0053	0.0022	0.0	0.6975	0.2893	0.0	not normalized		
1	495c	0.0053	0.0022	0.0	0.6903	0.2847	0.012	−0.005	0.999	1.0
2	500c	0.0056	0.0022	0.001	0.6286	0.2453	0.1148	−0.0006	0.9892	0.9902
3	505c	0.0059	0.0021	0.0021	0.5734	0.2101	0.2068	0.0001	0.9765	0.9775
4	510c	0.0062	0.0021	0.003	0.5379	0.1874	0.2659	0.0007	0.9667	0.9677
5	515c	0.0065	0.0021	0.004	0.5091	0.1691	0.3139	0.0003	0.957	0.958
6	520c	0.0068	0.0021	0.0049	0.4852	0.1538	0.3537	−0.0003	0.9482	0.9492
7	525c	0.007	0.0021	0.0059	0.4652	0.141	0.3871	−0.0005	0.9384	0.9394
8	530c	0.0074	0.0021	0.007	0.4449	0.1281	0.4209	−0.0008	0.9267	0.9277
9	535c	0.0078	0.0021	0.0083	0.4253	0.1156	0.4536	0.0002	0.9121	0.913
10	540c	0.0084	0.0021	0.0105	0.3989	0.0987	0.4975	−0.0005	0.8896	0.8906
11	545c	0.0096	0.002	0.0143	0.3679	0.079	0.5491	−0.0003	0.8505	0.8515
12	550c	0.0121	0.0019	0.0229	0.3272	0.053	0.6169	0.0001	0.7597	0.7607
13	555c	0.0257	0.0014	0.0684	0.2686	0.0156	0.7146	0.0	0.2851	0.2861
14	560c	0.0339	0.0012	0.0958	0.2586	0.0092	0.7312	0.1598	0.0	0.0009
15	565c	0.0339	0.0012	0.0958	0.2586	0.0092	0.7312	0.3333	0.0	0.0009
0	400	0.0339	0.0012	0.0959	0.2586	0.0092	0.7313	not normalized		
Tristimulus values of reference illuminant										
380	780	19.529	20.756	16.973	0.341	0.3624	0.2964	not normalized		
380	780	94.088	100.0	81.776	0.341	0.3624	0.2964	normalized, Y_w=100		

Spectral data on the purple line: λd= 700nm to 400nm, not normalized

0.0053	0.0053	0.0056	0.0059	0.0062	0.0065	0.0068	0.007	0.0074
0.0078	0.0084	0.0096	0.0121	0.0257	0.0339	0.0339	0.0339	
0.0022	0.0022	0.0022	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021
0.0021	0.0021	0.002	0.0019	0.0014	0.0012	0.0012	0.0012	
0.0	0.0	0.001	0.0021	0.003	0.004	0.0049	0.0059	0.007
0.0083	0.0105	0.0143	0.0229	0.0684	0.0958	0.0958	0.0959	

CE860−7N

Spectral data on the purple line: LMS_17M3, t_{sa}=0.0 , D50, normalized, Y_w=100

i	λd	X_{ni}	Y_{ni}	Z_{ni}	x_{ni}	y_{ni}	z_{ni}		*INP*	*IPN*
0	495	0.2344	1.6694	2.4245	0.0541	0.3856	0.5601		19	47
1	500	0.1154	1.9937	2.055	0.0277	0.4787	0.4934		20	−1
2	505	0.0525	2.3147	1.6888	0.0129	0.5706	0.4163		21	−1
3	510	0.0594	2.6483	1.3642	0.0146	0.6503	0.335		22	−1
4	515	0.1432	2.9824	1.0821	0.034	0.7087	0.2571		23	−1
5	520	0.3075	3.3161	0.8455	0.0688	0.7419	0.1891		23	−1
6	525	0.564	3.7186	0.6647	0.114	0.7516	0.1343		25	−1
7	530	0.9093	4.1103	0.5139	0.1643	0.7427	0.0928		25	−1
8	535	1.2966	4.3413	0.3788	0.2154	0.7215	0.0629		27	−1
9	540	1.7289	4.5267	0.275	0.2647	0.6931	0.0421		28	−1
10	545	2.2138	4.7157	0.199	0.3105	0.6615	0.0279		28	−1
11	550	2.7156	4.85	0.1418	0.3523	0.6292	0.0184		29	−1
12	555	3.15	4.8289	0.0976	0.39	0.5978	0.012		30	−1
13	560	3.5328	4.737	0.066	0.4238	0.5682	0.0079		32	12
14	565	3.8512	4.5872	0.044	0.454	0.5407	0.0051		33	14
i	λd	X_{cni}	Y_{cni}	Z_{cni}	x_{cni}	y_{cni}	z_{cni}	*TNX*	*XIE1*	*XIE2*
60	700	0.0256	0.0106	0.0	0.7048	0.2923	0.0	normalized, Y_w=100		
1	495c	0.0258	0.0106	0.0004	0.6974	0.2876	0.0121	−0.1183	0.999	1.0
2	500c	0.0271	0.0106	0.0049	0.6342	0.2475	0.1158	−0.016	0.9892	0.9902
3	505c	0.0287	0.0105	0.0103	0.5778	0.2117	0.2083	0.0024	0.9765	0.9775
4	510c	0.0301	0.0105	0.0148	0.5416	0.1887	0.2677	0.0184	0.9667	0.9677
5	515c	0.0314	0.0104	0.0194	0.5123	0.1701	0.3158	0.0092	0.957	0.958
6	520c	0.0328	0.0104	0.0239	0.488	0.1547	0.3557	−0.0075	0.9482	0.9492
7	525c	0.0341	0.0103	0.0284	0.4676	0.1418	0.3891	−0.0116	0.9384	0.9394
8	530c	0.0357	0.0103	0.0338	0.447	0.1287	0.4229	−0.0193	0.9267	0.9277
9	535c	0.0376	0.0102	0.0401	0.4271	0.1161	0.4555	0.0051	0.9121	0.913
10	540c	0.0408	0.0101	0.051	0.4004	0.0991	0.4994	−0.0125	0.8896	0.8906
11	545c	0.0462	0.0099	0.069	0.3691	0.0792	0.5508	−0.0082	0.8505	0.8515
12	550c	0.0586	0.0095	0.1105	0.3279	0.0531	0.6183	0.0035	0.7597	0.7607
13	555c	0.124	0.0072	0.3299	0.2689	0.0156	0.7152	0.0019	0.2851	0.2861
14	560c	0.1633	0.0058	0.4617	0.2588	0.0092	0.7317	3.7095	0.0	0.0009
15	565c	0.1633	0.0058	0.4617	0.2588	0.0092	0.7317	7.7374	0.0	0.0009
0	400	0.1634	0.0058	0.4621	0.2588	0.0092	0.7317	normalized, Y_w=100		
Tristimulus values of reference illuminant										
380	780	19.529	20.756	16.973	0.341	0.3624	0.2964	not normalized		
380	780	94.088	100.0	81.776	0.341	0.3624	0.2964	normalized, Y_w=100		

Spectral data on the purple line: λd= 700nm to 400nm, normalized, Y_w=100

0.0256	0.0258	0.0271	0.0287	0.0301	0.0314	0.0328	0.0341	0.0357
0.0376	0.0408	0.0462	0.0586	0.124	0.1633	0.1633	0.1634	
0.0106	0.0106	0.0106	0.0105	0.0105	0.0104	0.0104	0.0103	0.0103
0.0102	0.0101	0.0099	0.0095	0.0072	0.0058	0.0058	0.0058	
0.0	0.0004	0.0049	0.0103	0.0148	0.0194	0.0239	0.0284	0.0338
0.0401	0.051	0.069	0.1105	0.3299	0.4617	0.4617	0.4621	

CE861−7N

see similar files: http://farbe.li.tu-berlin.de/CE86/CE86.HTM
technical information: http://farbe.li.tu-berlin.de or http://130.149.60.45/~farbmetrik

TUB registration: 20180301-CE86/CE86L0NP.PDF /.PS
application for measurement of offset print output

TUB material: code=rha4ta

1−000130−F0

Spectral data on the purple line: LMS_17M3, t_{sa}=0.0 , P40, not normalized

i	λd	X_i	Y_i	Z_i	x_i	y_i	z_i		*INP*	*IPN*
0	495	0.0414	0.2949	0.4282	0.0541	0.3856	0.56		19	42
1	500	0.0204	0.3529	0.3638	0.0277	0.4787	0.4934		20	−1
2	505	0.0094	0.4164	0.3038	0.0129	0.5706	0.4163		20	−1
3	510	0.0108	0.4843	0.2494	0.0146	0.6502	0.3349		22	−1
4	515	0.0266	0.555	0.2013	0.034	0.7086	0.2571		23	−1
5	520	0.0581	0.6268	0.1598	0.0688	0.7419	0.1891		24	−1
6	525	0.1058	0.6977	0.1247	0.1139	0.7515	0.1343		25	−1
7	530	0.1693	0.7653	0.0957	0.1643	0.7427	0.0928		26	−1
8	535	0.2471	0.8273	0.0722	0.2154	0.7214	0.0629		27	−1
9	540	0.3367	0.8815	0.0535	0.2647	0.693	0.0421		27	−1
10	545	0.4346	0.9257	0.039	0.3105	0.6614	0.0279		29	−1
11	550	0.5365	0.9582	0.028	0.3523	0.6292	0.0184		30	−1
12	555	0.6377	0.9776	0.0197	0.3899	0.5978	0.012		31	−1
13	560	0.7332	0.9832	0.0137	0.4237	0.5682	0.0079		32	7
14	565	0.8183	0.9746	0.0093	0.4539	0.5407	0.0051		32	13
i	λd	X_{ci}	Y_{ci}	Z_{ci}	x_{ci}	y_{ci}	z_{ci}	*TNX*	*XIE1*	*XIE2*
60	700	0.0068	0.0028	0.0	0.6996	0.2902	0.0	not normalized		
1	495c	0.0069	0.0028	0.0	0.6948	0.2871	0.0079	−0.0109	0.999	1.0
2	500c	0.0069	0.0028	0.0002	0.6856	0.2812	0.0232	−0.0004	0.997	0.998
3	505c	0.0072	0.0028	0.0014	0.6227	0.2412	0.1275	0.0003	0.9804	0.9814
4	510c	0.0075	0.0028	0.0025	0.58	0.214	0.1983	0.0002	0.9667	0.9677
5	515c	0.0078	0.0027	0.0035	0.5499	0.1948	0.2481	0.0	0.955	0.956
6	520c	0.008	0.0027	0.0043	0.5284	0.1811	0.2838	0.0004	0.9453	0.9462
7	525c	0.0083	0.0027	0.0052	0.506	0.1668	0.3209	−0.0006	0.9345	0.9355
8	530c	0.0085	0.0027	0.006	0.4896	0.1564	0.3481	0.0005	0.9238	0.9248
9	535c	0.0088	0.0026	0.0071	0.4696	0.1436	0.3813	0.0005	0.9101	0.9111
10	540c	0.0092	0.0026	0.0087	0.4456	0.1283	0.4212	0.0	0.8916	0.8925
11	545c	0.0098	0.0026	0.011	0.417	0.1101	0.4686	−0.0003	0.8623	0.8632
12	550c	0.0109	0.0025	0.0151	0.3812	0.0873	0.5278	0.0002	0.8105	0.8115
13	555c	0.0138	0.0022	0.0258	0.3287	0.0539	0.6149	0.0	0.6787	0.6796
14	560c	0.0284	0.001	0.0804	0.2586	0.0092	0.7311	0.0157	0.0	0.0009
15	565c	0.0284	0.001	0.0804	0.2586	0.0092	0.7311	0.1676	0.0	0.0009
0	400	0.0285	0.001	0.0805	0.2586	0.0092	0.7312	not normalized		
Tristimulus values of reference illuminant										
380	780	19.681	20.516	13.582	0.3659	0.3814	0.2525	not normalized		
380	780	95.931	100.0	66.202	0.3659	0.3814	0.2525	normalized, Y_w=100		

Spectral data on the purple line: λd= 700nm to 400nm, not normalized

0.0068	0.0069	0.0069	0.0072	0.0075	0.0078	0.008	0.0083	0.0085
0.0088	0.0092	0.0098	0.0109	0.0138	0.0284	0.0284	0.0285	
0.0028	0.0028	0.0028	0.0028	0.0028	0.0027	0.0027	0.0027	0.0027
0.0026	0.0026	0.0026	0.0025	0.0022	0.001	0.001	0.001	
0.0	0.0	0.0002	0.0014	0.0025	0.0035	0.0043	0.0052	0.006
0.0071	0.0087	0.011	0.0151	0.0258	0.0804	0.0804	0.0805	

CE860−7N

Spectral data on the purple line: LMS_17M3, t_{sa}=0.0 , P40, normalized, Y_w=100

i	λd	X_{ni}	Y_{ni}	Z_{ni}	x_{ni}	y_{ni}	z_{ni}		*INP*	*IPN*
0	495	0.2018	1.4373	2.0875	0.0541	0.3856	0.5601		19	42
1	500	0.0995	1.7205	1.7733	0.0277	0.4787	0.4934		19	−1
2	505	0.046	2.0299	1.481	0.0129	0.5706	0.4163		21	−1
3	510	0.053	2.3606	1.216	0.0146	0.6503	0.335		21	−1
4	515	0.1299	2.7053	0.9816	0.034	0.7087	0.2571		23	−1
5	520	0.2833	3.0555	0.7791	0.0688	0.7419	0.1891		24	−1
6	525	0.5158	3.4008	0.6079	0.114	0.7516	0.1343		25	−1
7	530	0.8252	3.7304	0.4664	0.1643	0.7427	0.0928		26	−1
8	535	1.2044	4.0327	0.3519	0.2154	0.7215	0.0629		26	−1
9	540	1.6411	4.2968	0.261	0.2647	0.6931	0.0421		27	−1
10	545	2.1183	4.5123	0.1904	0.3105	0.6615	0.0279		29	−1
11	550	2.6152	4.6706	0.1365	0.3523	0.6292	0.0184		29	−1
12	555	3.1085	4.7652	0.0963	0.39	0.5978	0.012		30	−1
13	560	3.5741	4.7923	0.0668	0.4238	0.5682	0.0079		31	7
14	565	3.9885	4.7507	0.0455	0.454	0.5407	0.0051		33	13
i	λd	X_{cni}	Y_{cni}	Z_{cni}	x_{cni}	y_{cni}	z_{cni}	*TNX*	*XIE1*	*XIE2*
60	700	0.0336	0.0139	0.0	0.7053	0.2925	0.0	normalized, Y_w=100		
1	495c	0.0337	0.0139	0.0003	0.7004	0.2894	0.0079	−0.2608	0.999	1.0
2	500c	0.0339	0.0139	0.0011	0.691	0.2835	0.0234	−0.0111	0.997	0.998
3	505c	0.0355	0.0137	0.0072	0.6269	0.2428	0.1284	0.0087	0.9804	0.9814
4	510c	0.037	0.0136	0.0126	0.5835	0.2153	0.1995	0.0061	0.9667	0.9677
5	515c	0.0382	0.0135	0.0172	0.553	0.1959	0.2495	0.0001	0.955	0.956
6	520c	0.0392	0.0134	0.021	0.5312	0.1821	0.2852	0.011	0.9453	0.9462
7	525c	0.0405	0.0133	0.0256	0.5085	0.1676	0.3225	−0.0156	0.9345	0.9355
8	530c	0.0415	0.0132	0.0295	0.4919	0.1571	0.3497	0.0121	0.9238	0.9248
9	535c	0.0429	0.0131	0.0349	0.4716	0.1442	0.3829	0.0122	0.9101	0.9111
10	540c	0.045	0.0129	0.0425	0.4473	0.1288	0.4228	−0.0021	0.8916	0.8925
11	545c	0.0481	0.0127	0.054	0.4184	0.1105	0.4701	−0.0091	0.8623	0.8632
12	550c	0.0534	0.0122	0.074	0.3823	0.0876	0.5293	0.0069	0.8105	0.8115
13	555c	0.0674	0.011	0.1261	0.3293	0.054	0.6161	−0.0006	0.6787	0.6796
14	560c	0.1388	0.0049	0.3923	0.2588	0.0092	0.7316	0.3732	0.0	0.0009
15	565c	0.1388	0.0049	0.3923	0.2588	0.0092	0.7316	3.9827	0.0	0.0009
0	400	0.1389	0.0049	0.3927	0.2588	0.0092	0.7317	normalized, Y_w=100		
Tristimulus values of reference illuminant										
380	780	19.681	20.516	13.582	0.3659	0.3814	0.2525	not normalized		
380	780	95.931	100.0	66.202	0.3659	0.3814	0.2525	normalized, Y_w=100		

Spectral data on the purple line: λd= 700nm to 400nm, normalized, Y_w=100

0.0336	0.0337	0.0339	0.0355	0.037	0.0382	0.0392	0.0405	0.0415
0.0429	0.045	0.0481	0.0534	0.0674	0.1388	0.1388	0.1389	
0.0139	0.0139	0.0139	0.0137	0.0136	0.0135	0.0134	0.0133	0.0132
0.0131	0.0129	0.0127	0.0122	0.011	0.0049	0.0049	0.0049	
0.0	0.0003	0.0011	0.0072	0.0126	0.0172	0.021	0.0256	0.0295
0.0349	0.0425	0.054	0.074	0.1261	0.3923	0.3923	0.3927	

CE861−7N

see similar files: http://farbe.li.tu-berlin.de/CE86/CE86.HTM
technical information: http://farbe.li.tu-berlin.de or http://130.149.60.45/~farbmetrik

TUB registration: 20180301-CE86/CE86L0NP.PDF /.PS
application for measurement of offset print output

TUB material: code=rha4ta

1−000230−F0

Spectral data on the purple line: LMS_17M3, t_{sa}=0.0 , A00, not normalized

i	λ_d	X_i	Y_i	Z_i	x_i	y_i	z_i		*INP*	*IPN*
0	495	0.0294	0.21	0.3049	0.0541	0.3856	0.56		18	38
1	500	0.0149	0.2588	0.2668	0.0277	0.4786	0.4934		20	41
2	505	0.0071	0.3142	0.2293	0.0129	0.5705	0.4162		21	49
3	510	0.0084	0.3759	0.1936	0.0146	0.6502	0.3349		22	−1
4	515	0.0212	0.4428	0.1606	0.034	0.7086	0.2571		23	−1
5	520	0.0476	0.5139	0.131	0.0688	0.7418	0.1891		24	−1
6	525	0.089	0.5873	0.1049	0.1139	0.7515	0.1343		25	−1
7	530	0.1462	0.6612	0.0826	0.1643	0.7427	0.0928		26	−1
8	535	0.219	0.7333	0.0639	0.2154	0.7214	0.0629		27	−1
9	540	0.3059	0.8011	0.0486	0.2647	0.693	0.0421		27	−1
10	545	0.4047	0.8622	0.0363	0.3105	0.6614	0.0279		29	−1
11	550	0.5119	0.9142	0.0267	0.3523	0.6292	0.0184		30	−1
12	555	0.623	0.9551	0.0193	0.3899	0.5978	0.012		30	−1
13	560	0.7332	0.9832	0.0137	0.4237	0.5682	0.0079		32	−1
14	565	0.8372	0.9971	0.0095	0.454	0.5407	0.0051		33	−1
i	λ_d	X_{ci}	Y_{ci}	Z_{ci}	x_{ci}	y_{ci}	z_{ci}	*TNX*	*XIE1*	*XIE2*
60	700	0.0115	0.0047	0.0	0.7025	0.2914	0.0	not normalized		
1	495c	0.0115	0.0047	0.0	0.7014	0.2907	0.0016	−0.0247	0.999	1.0
2	500c	0.0115	0.0047	0.0	0.7014	0.2907	0.0016	−0.0144	0.999	1.0
3	505c	0.0115	0.0047	0.0	0.7014	0.2907	0.0016	−0.0039	0.999	1.0
4	510c	0.0114	0.0046	0.0008	0.6716	0.2718	0.0506	−0.0001	0.9697	0.9707
5	515c	0.0114	0.0044	0.0018	0.6388	0.251	0.1045	0.0	0.9335	0.9345
6	520c	0.0114	0.0043	0.0027	0.6137	0.235	0.1458	−0.0002	0.9052	0.9062
7	525c	0.0113	0.0042	0.0033	0.5948	0.223	0.1768	0.0	0.8818	0.8828
8	530c	0.0113	0.0041	0.0039	0.5784	0.2126	0.2038	0.0002	0.8593	0.8603
9	535c	0.0113	0.004	0.0046	0.5614	0.2018	0.2317	0.0	0.8359	0.8369
10	540c	0.0112	0.0039	0.0053	0.544	0.1907	0.2603	0.0001	0.8105	0.8115
11	545c	0.0112	0.0038	0.0063	0.5227	0.1772	0.2954	0.0	0.7783	0.7792
12	550c	0.0111	0.0036	0.0076	0.4961	0.1603	0.3391	0.0	0.7333	0.7343
13	555c	0.011	0.0032	0.0096	0.459	0.1367	0.4	0.0	0.663	0.664
14	560c	0.0108	0.0027	0.0133	0.4016	0.1003	0.4943	0.0	0.5312	0.5322
15	565c	0.0103	0.0011	0.0232	0.2971	0.0339	0.666	0.0	0.1855	0.1865
0	400	0.0101	0.0003	0.0286	0.2582	0.0092	0.73	not normalized		
Tristimulus values of reference illuminant										
380	780	20.322	20.522	7.862	0.4172	0.4213	0.1614	not normalized		
380	780	99.027	100.0	38.312	0.4172	0.4213	0.1614	normalized, Y_w=100		

Spectral data on the purple line: λ_d= 700nm to 400nm, not normalized

0.0115	0.0115	0.0115	0.0115	0.0114	0.0114	0.0114	0.0113	0.0113
0.0113	0.0112	0.0112	0.0111	0.011	0.0108	0.0103	0.0101	
0.0047	0.0047	0.0047	0.0047	0.0046	0.0044	0.0043	0.0042	0.0041
0.004	0.0039	0.0038	0.0036	0.0032	0.0027	0.0011	0.0003	
0.0	0.0	0.0	0.0	0.0008	0.0018	0.0027	0.0033	0.0039
0.0046	0.0053	0.0063	0.0076	0.0096	0.0133	0.0232	0.0286	

CE860−7N

Spectral data on the purple line: LMS_17M3, t_{sa}=0.0 , A00, normalized, Y_w=100

i	λ_d	X_{ni}	Y_{ni}	Z_{ni}	x_{ni}	y_{ni}	z_{ni}		*INP*	*IPN*
0	495	0.1437	1.0233	1.4861	0.0541	0.3856	0.5601		19	38
1	500	0.073	1.2613	1.3001	0.0277	0.4787	0.4934		19	41
2	505	0.0347	1.5315	1.1173	0.0129	0.5706	0.4163		21	49
3	510	0.0411	1.8317	0.9435	0.0146	0.6503	0.335		21	−1
4	515	0.1036	2.1579	0.783	0.034	0.7087	0.2571		22	−1
5	520	0.2322	2.5042	0.6385	0.0688	0.7419	0.1891		23	−1
6	525	0.4341	2.8619	0.5116	0.114	0.7516	0.1343		25	−1
7	530	0.7127	3.2219	0.4028	0.1643	0.7427	0.0928		25	−1
8	535	1.0672	3.5733	0.3118	0.2154	0.7215	0.0629		27	−1
9	540	1.491	3.9038	0.2371	0.2647	0.6931	0.0421		28	−1
10	545	1.9723	4.2014	0.1773	0.3105	0.6615	0.0279		29	−1
11	550	2.4945	4.455	0.1302	0.3523	0.6292	0.0184		29	−1
12	555	3.0361	4.6543	0.0941	0.39	0.5978	0.012		30	−1
13	560	3.5731	4.791	0.0668	0.4238	0.5682	0.0079		31	−1
14	565	4.0795	4.859	0.0466	0.454	0.5407	0.0051		32	−1
i	λ_d	X_{cni}	Y_{cni}	Z_{cni}	x_{cni}	y_{cni}	z_{cni}	*TNX*	*XIE1*	*XIE2*
60	700	0.0562	0.0233	0.0	0.7059	0.2928	0.0	normalized, Y_w=100		
1	495c	0.0562	0.0233	0.0001	0.7048	0.2921	0.0017	−0.5874	0.999	1.0
2	500c	0.0562	0.0233	0.0001	0.7048	0.2921	0.0017	−0.3435	0.999	1.0
3	505c	0.0562	0.0233	0.0001	0.7048	0.2921	0.0017	−0.0935	0.999	1.0
4	510c	0.056	0.0226	0.0042	0.6748	0.2731	0.0508	−0.0041	0.9697	0.9707
5	515c	0.0557	0.0219	0.0091	0.6417	0.2521	0.1049	0.0001	0.9335	0.9345
6	520c	0.0555	0.0212	0.0132	0.6163	0.236	0.1465	−0.006	0.9052	0.9062
7	525c	0.0554	0.0207	0.0164	0.5973	0.2239	0.1776	−0.0014	0.8818	0.8828
8	530c	0.0552	0.0203	0.0194	0.5807	0.2134	0.2046	0.0052	0.8593	0.8603
9	535c	0.0551	0.0198	0.0227	0.5636	0.2026	0.2326	0.0013	0.8359	0.8369
10	540c	0.0549	0.0192	0.0262	0.5461	0.1915	0.2613	0.0046	0.8105	0.8115
11	545c	0.0547	0.0185	0.0309	0.5246	0.1778	0.2965	−0.0011	0.7783	0.7792
12	550c	0.0543	0.0175	0.0371	0.4978	0.1608	0.3403	−0.0013	0.7333	0.7343
13	555c	0.0539	0.016	0.0469	0.4605	0.1372	0.4014	−0.0008	0.663	0.664
14	560c	0.053	0.0132	0.0652	0.4028	0.1006	0.4958	0.0017	0.5312	0.5322
15	565c	0.0506	0.0057	0.1134	0.2978	0.034	0.6675	0.0002	0.1855	0.1865
0	400	0.0493	0.0017	0.1394	0.2587	0.0092	0.7314	normalized, Y_w=100		
Tristimulus values of reference illuminant										
380	780	20.322	20.522	7.862	0.4172	0.4213	0.1614	not normalized		
380	780	99.027	100.0	38.312	0.4172	0.4213	0.1614	normalized, Y_w=100		

Spectral data on the purple line: λ_d= 700nm to 400nm, normalized, Y_w=100

0.0562	0.0562	0.0562	0.0562	0.056	0.0557	0.0555	0.0554	0.0552
0.0551	0.0549	0.0547	0.0543	0.0539	0.053	0.0506	0.0493	
0.0233	0.0233	0.0233	0.0233	0.0226	0.0219	0.0212	0.0207	0.0203
0.0198	0.0192	0.0185	0.0175	0.016	0.0132	0.0057	0.0017	
0.0	0.0001	0.0001	0.0001	0.0042	0.0091	0.0132	0.0164	0.0194
0.0227	0.0262	0.0309	0.0371	0.0469	0.0652	0.1134	0.1394	

CE861−7N

see similar files: http://farbe.li.tu-berlin.de/CE86/CE86.HTM
technical information: http://farbe.li.tu-berlin.de or http://130.149.60.45/~farbmetrik

TUB registration: 20180301-CE86/CE86L0NP.PDF /.PS
application for measurement of offset print output

TUB material: code=rha4ta

1−000330−F0

Spectral data on the purple line: LMS_17M3, t_{sa}=0.0 , E00, not normalized

i	λd	X_i	Y_i	Z_i	x_i	y_i	z_i		*INP*	*IPN*
0	495	0.0518	0.3694	0.5364	0.0541	0.3856	0.56		19	−1
1	500	0.025	0.4324	0.4457	0.0277	0.4787	0.4934		20	−1
2	505	0.0113	0.4994	0.3643	0.0129	0.5706	0.4163		21	−1
3	510	0.0127	0.569	0.2931	0.0146	0.6502	0.3349		22	−1
4	515	0.0307	0.6395	0.232	0.034	0.7086	0.2571		23	−1
5	520	0.0657	0.7088	0.1807	0.0688	0.7419	0.1891		23	−1
6	525	0.1175	0.7749	0.1385	0.1139	0.7515	0.1343		24	−1
7	530	0.1848	0.8356	0.1044	0.1643	0.7427	0.0928		25	−1
8	535	0.2654	0.8886	0.0775	0.2154	0.7214	0.0629		26	−1
9	540	0.356	0.9321	0.0566	0.2647	0.693	0.0421		27	−1
10	545	0.4527	0.9643	0.0406	0.3105	0.6614	0.0279		28	−1
11	550	0.5509	0.984	0.0287	0.3523	0.6292	0.0184		30	−1
12	555	0.646	0.9904	0.02	0.3899	0.5978	0.012		30	−1
13	560	0.7332	0.9832	0.0137	0.4237	0.5682	0.0079		31	12
14	565	0.8082	0.9627	0.0092	0.4539	0.5407	0.0051		32	14
i	λd	X_{ci}	Y_{ci}	Z_{ci}	x_{ci}	y_{ci}	z_{ci}	*TNX*	*XIE1*	*XIE2*
60	700	0.0058	0.0024	0.0	0.6983	0.2896	0.0	not normalized		
1	495c	0.006	0.0024	0.0005	0.6606	0.2656	0.0627	−0.0003	0.997	0.998
2	500c	0.0064	0.0024	0.002	0.5852	0.2175	0.1882	0.0016	0.9882	0.9892
3	505c	0.0069	0.0024	0.0036	0.5329	0.1841	0.2752	0.0007	0.9804	0.9814
4	510c	0.0073	0.0024	0.0047	0.5031	0.1651	0.3248	0.0013	0.9746	0.9755
5	515c	0.0077	0.0024	0.0058	0.4789	0.1497	0.365	0.001	0.9687	0.9697
6	520c	0.008	0.0024	0.007	0.4589	0.1369	0.3984	0.0006	0.9628	0.9638
7	525c	0.0084	0.0024	0.0081	0.442	0.1261	0.4265	0.0014	0.957	0.958
8	530c	0.0089	0.0024	0.0096	0.4232	0.1141	0.4578	0.001	0.9492	0.9501
9	535c	0.0096	0.0024	0.0119	0.4009	0.0999	0.4949	−0.001	0.9384	0.9394
10	540c	0.0106	0.0024	0.015	0.3786	0.0857	0.5321	−0.0004	0.9228	0.9238
11	545c	0.0125	0.0024	0.0207	0.3503	0.0676	0.5792	−0.0004	0.8935	0.8945
12	550c	0.017	0.0024	0.0347	0.3141	0.0445	0.6394	−0.0001	0.8212	0.8222
13	555c	0.05	0.0024	0.1366	0.2645	0.0129	0.722	0.0	0.2978	0.2988
14	560c	0.0687	0.0024	0.1943	0.2587	0.0092	0.7315	0.3454	0.0	0.0009
15	565c	0.0687	0.0024	0.1943	0.2587	0.0092	0.7315	0.7111	0.0	0.0009
0	400	0.0688	0.0024	0.1945	0.2587	0.0092	0.7316	not normalized		

Tristimulus values of reference illuminant

380	780	21.179	21.179	21.179	0.3333	0.3333	0.3333	not normalized
380	780	99.999	99.999	99.999	0.3333	0.3333	0.3333	normalized, Y_w=100

Spectral data on the purple line: λd= 700nm to 400nm, not normalized

0.0058	0.006	0.0064	0.0069	0.0073	0.0077	0.008	0.0084	0.0089
0.0096	0.0106	0.0125	0.017	0.05	0.0687	0.0687	0.0688	
0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024
0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	
0.0	0.0005	0.002	0.0036	0.0047	0.0058	0.007	0.0081	0.0096
0.0119	0.015	0.0207	0.0347	0.1366	0.1943	0.1943	0.1945	

CE860−7N

Spectral data on the purple line: LMS_17M3, t_{sa}=0.0 , E00, normalized, Y_w=100

i	λd	X_{ni}	Y_{ni}	Z_{ni}	x_{ni}	y_{ni}	z_{ni}		*INP*	*IPN*
0	495	0.2449	1.7441	2.533	0.0541	0.3856	0.5601		19	−1
1	500	0.1181	2.0416	2.1044	0.0277	0.4787	0.4934		20	−1
2	505	0.0535	2.358	1.7204	0.0129	0.5706	0.4163		21	−1
3	510	0.0603	2.6866	1.384	0.0146	0.6503	0.335		22	−1
4	515	0.145	3.0193	1.0955	0.034	0.7087	0.2571		23	−1
5	520	0.3104	3.3468	0.8533	0.0688	0.7419	0.1891		23	−1
6	525	0.555	3.6589	0.654	0.114	0.7516	0.1343		25	−1
7	530	0.8728	3.9452	0.4933	0.1643	0.7427	0.0928		26	−1
8	535	1.2531	4.1957	0.3661	0.2154	0.7215	0.0629		26	−1
9	540	1.6809	4.4009	0.2673	0.2647	0.6931	0.0421		28	−1
10	545	2.1374	4.5531	0.1921	0.3105	0.6615	0.0279		28	−1
11	550	2.6015	4.6461	0.1358	0.3523	0.6292	0.0184		30	−1
12	555	3.0504	4.6762	0.0945	0.39	0.5978	0.012		31	−1
13	560	3.4621	4.6422	0.0647	0.4238	0.5682	0.0079		32	12
14	565	3.8161	4.5454	0.0436	0.454	0.5407	0.0051		32	14
i	λd	X_{cni}	Y_{cni}	Z_{cni}	x_{cni}	y_{cni}	z_{cni}	*TNX*	*XIE1*	*XIE2*
60	700	0.0274	0.0114	0.0	0.7049	0.2924	0.0	normalized, Y_w=100		
1	495c	0.0283	0.0114	0.0026	0.6664	0.2679	0.0632	−0.0067	0.997	0.998
2	500c	0.0306	0.0114	0.0098	0.5894	0.219	0.1896	0.0368	0.9882	0.9892
3	505c	0.033	0.0114	0.017	0.5361	0.1852	0.2769	0.0163	0.9804	0.9814
4	510c	0.0347	0.0114	0.0224	0.5059	0.166	0.3265	0.0307	0.9746	0.9755
5	515c	0.0364	0.0114	0.0278	0.4813	0.1504	0.3668	0.0232	0.9687	0.9697
6	520c	0.0382	0.0114	0.0331	0.4609	0.1375	0.4002	0.0154	0.9628	0.9638
7	525c	0.0399	0.0114	0.0385	0.4438	0.1266	0.4283	0.0318	0.957	0.958
8	530c	0.0423	0.0114	0.0457	0.4248	0.1146	0.4595	0.0232	0.9492	0.9501
9	535c	0.0457	0.0114	0.0565	0.4022	0.1002	0.4965	−0.0234	0.9384	0.9394
10	540c	0.0504	0.0114	0.0708	0.3796	0.0859	0.5336	−0.0097	0.9228	0.9238
11	545c	0.0591	0.0114	0.0977	0.3511	0.0678	0.5804	−0.0108	0.8935	0.8945
12	550c	0.0806	0.0114	0.1641	0.3145	0.0446	0.6404	−0.0036	0.8212	0.8222
13	555c	0.2363	0.0115	0.645	0.2646	0.0129	0.7223	−0.0001	0.2978	0.2988
14	560c	0.3246	0.0116	0.9178	0.2588	0.0092	0.7317	7.7004	0.0	0.0009
15	565c	0.3246	0.0116	0.9178	0.2588	0.0092	0.7317	15.8519	0.0	0.0009
0	400	0.3249	0.0116	0.9187	0.2588	0.0092	0.7318	normalized, Y_w=100		

Tristimulus values of reference illuminant

380	780	21.179	21.179	21.179	0.3333	0.3333	0.3333	not normalized
380	780	99.999	99.999	99.999	0.3333	0.3333	0.3333	normalized, Y_w=100

Spectral data on the purple line: λd= 700nm to 400nm, normalized, Y_w=100

0.0274	0.0283	0.0306	0.033	0.0347	0.0364	0.0382	0.0399	0.0423
0.0457	0.0504	0.0591	0.0806	0.2363	0.3246	0.3246	0.3249	
0.0114	0.0114	0.0114	0.0114	0.0114	0.0114	0.0114	0.0114	0.0114
0.0114	0.0114	0.0114	0.0114	0.0115	0.0116	0.0116	0.0116	
0.0	0.0026	0.0098	0.017	0.0224	0.0278	0.0331	0.0385	0.0457
0.0565	0.0708	0.0977	0.1641	0.645	0.9178	0.9178	0.9187	

CE861−7N

see similar files: http://farbe.li.tu-berlin.de/CE86/CE86.HTM
technical information: http://farbe.li.tu-berlin.de or http://130.149.60.45/~farbmetrik

TUB registration: 20180301-CE86/CE86L0NP.PDF /.PS
application for measurement of offset print output

TUB material: code=rha4ta

1−000430−F0

Spectral data on the purple line: LMS_17M3, t_{sa}=0.0 , C00, not normalized

i	λ_d	X_i	Y_i	Z_i	x_i	y_i	z_i		*INP*	*IPN*
0	495	0.0606	0.4318	0.6271	0.0541	0.3856	0.56		19	−1
1	500	0.028	0.4847	0.4996	0.0277	0.4787	0.4934		19	−1
2	505	0.0121	0.5343	0.3898	0.0129	0.5706	0.4163		21	−1
3	510	0.013	0.5821	0.2998	0.0146	0.6502	0.3349		22	−1
4	515	0.0303	0.6318	0.2292	0.034	0.7086	0.2571		23	−1
5	520	0.0637	0.6868	0.1751	0.0688	0.7419	0.1891		24	−1
6	525	0.1137	0.75	0.134	0.1139	0.7515	0.1343		25	−1
7	530	0.1811	0.8188	0.1023	0.1643	0.7427	0.0928		25	−1
8	535	0.2652	0.8881	0.0775	0.2154	0.7214	0.0629		26	−1
9	540	0.3634	0.9516	0.0578	0.2647	0.693	0.0421		27	−1
10	545	0.4705	1.0024	0.0423	0.3105	0.6614	0.0279		28	−1
11	550	0.5796	1.0352	0.0302	0.3523	0.6292	0.0184		29	−1
12	555	0.6827	1.0465	0.0211	0.39	0.5978	0.012		31	9
13	560	0.7721	1.0353	0.0144	0.4237	0.5682	0.0079		31	12
14	565	0.8414	1.0022	0.0096	0.454	0.5407	0.0051		32	14
i	λ_d	X_{ci}	Y_{ci}	Z_{ci}	x_{ci}	y_{ci}	z_{ci}	*TNX*	*XIE1*	*XIE2*
60	700	0.0044	0.0018	0.0	0.6957	0.2885	0.0	not normalized		
1	495c	0.0047	0.0018	0.001	0.6128	0.2356	0.1386	−0.0007	0.9912	0.9921
2	500c	0.0052	0.0018	0.0025	0.5402	0.1892	0.2602	−0.0007	0.9794	0.9804
3	505c	0.0056	0.0018	0.0037	0.4983	0.1624	0.3303	−0.0009	0.9697	0.9707
4	510c	0.0059	0.0018	0.0046	0.4724	0.1458	0.3736	−0.0002	0.9619	0.9628
5	515c	0.0062	0.0018	0.0056	0.4513	0.1323	0.409	−0.0001	0.9541	0.955
6	520c	0.0065	0.0018	0.0066	0.4337	0.1211	0.4385	0.0003	0.9453	0.9462
7	525c	0.0069	0.0018	0.0078	0.4154	0.1094	0.469	0.0	0.9365	0.9375
8	530c	0.0073	0.0018	0.0092	0.3976	0.098	0.4988	0.0002	0.9238	0.9248
9	535c	0.008	0.0018	0.0114	0.3769	0.0848	0.5336	−0.0002	0.9072	0.9082
10	540c	0.0091	0.0018	0.0147	0.3536	0.0699	0.5724	0.0001	0.8789	0.8798
11	545c	0.0113	0.0017	0.0217	0.3242	0.0511	0.6216	−0.0001	0.8232	0.8242
12	550c	0.0183	0.0017	0.0436	0.2869	0.0272	0.6842	0.0001	0.6445	0.6455
13	555c	0.0435	0.0015	0.123	0.2587	0.0092	0.7314	0.1055	0.0	0.0009
14	560c	0.0435	0.0015	0.123	0.2587	0.0092	0.7314	0.3608	0.0	0.0009
15	565c	0.0435	0.0015	0.123	0.2587	0.0092	0.7314	0.5966	0.0	0.0009
0	400	0.0435	0.0015	0.1231	0.2587	0.0092	0.7314	not normalized		
Tristimulus values of reference illuminant										
380	780	21.321	21.356	24.189	0.3188	0.3193	0.3617	not normalized		
380	780	99.837	99.999	113.264	0.3188	0.3193	0.3617	normalized, Y_w=100		

Spectral data on the purple line: λ_d= 700nm to 400nm, not normalized

0.0044	0.0047	0.0052	0.0056	0.0059	0.0062	0.0065	0.0069	0.0073
0.008	0.0091	0.0113	0.0183	0.0435	0.0435	0.0435	0.0435	
0.0018	0.0018	0.0018	0.0018	0.0018	0.0018	0.0018	0.0018	0.0018
0.0018	0.0018	0.0017	0.0017	0.0015	0.0015	0.0015	0.0015	
0.0	0.001	0.0025	0.0037	0.0046	0.0056	0.0066	0.0078	0.0092
0.0114	0.0147	0.0217	0.0436	0.123	0.123	0.123	0.1231	

CE860−7N

Spectral data on the purple line: LMS_17M3, t_{sa}=0.0 , C00, normalized, Y_w=100

i	λ_d	X_{ni}	Y_{ni}	Z_{ni}	x_{ni}	y_{ni}	z_{ni}		*INP*	*IPN*
0	495	0.284	2.022	2.9366	0.0541	0.3856	0.5601		19	−1
1	500	0.1313	2.2698	2.3396	0.0277	0.4787	0.4934		20	−1
2	505	0.0568	2.5018	1.8253	0.0129	0.5706	0.4163		21	−1
3	510	0.0612	2.7257	1.4041	0.0146	0.6503	0.335		22	−1
4	515	0.1421	2.9588	1.0736	0.034	0.7087	0.2571		22	−1
5	520	0.2983	3.2162	0.82	0.0688	0.7419	0.1891		24	−1
6	525	0.5327	3.5118	0.6278	0.114	0.7516	0.1343		25	−1
7	530	0.8482	3.8344	0.4794	0.1643	0.7427	0.0928		26	−1
8	535	1.242	4.1585	0.3628	0.2154	0.7215	0.0629		27	−1
9	540	1.702	4.4563	0.2707	0.2647	0.6931	0.0421		27	−1
10	545	2.2035	4.6938	0.198	0.3105	0.6615	0.0279		29	−1
11	550	2.7141	4.8473	0.1417	0.3523	0.6292	0.0184		29	−1
12	555	3.1968	4.9005	0.099	0.39	0.5978	0.012		31	9
13	560	3.6155	4.8479	0.0676	0.4238	0.5682	0.0079		31	12
14	565	3.9402	4.6931	0.045	0.454	0.5407	0.0051		32	14
i	λ_d	X_{cni}	Y_{cni}	Z_{cni}	x_{cni}	y_{cni}	z_{cni}	*TNX*	*XIE1*	*XIE2*
60	700	0.0207	0.0086	0.0	0.7044	0.2921	0.0	normalized, Y_w=100		
1	495c	0.0224	0.0086	0.005	0.6191	0.238	0.14	−0.0168	0.9912	0.9921
2	500c	0.0245	0.0085	0.0118	0.5446	0.1907	0.2623	−0.0162	0.9794	0.9804
3	505c	0.0263	0.0085	0.0174	0.5018	0.1635	0.3326	−0.0205	0.9697	0.9707
4	510c	0.0277	0.0085	0.0219	0.4754	0.1468	0.376	−0.0054	0.9619	0.9628
5	515c	0.0292	0.0085	0.0264	0.4539	0.1331	0.4114	−0.0023	0.9541	0.955
6	520c	0.0306	0.0085	0.0309	0.4359	0.1217	0.4408	0.0078	0.9453	0.9462
7	525c	0.0324	0.0085	0.0366	0.4174	0.1099	0.4713	−0.0007	0.9365	0.9375
8	530c	0.0345	0.0085	0.0433	0.3993	0.0984	0.5009	0.0048	0.9238	0.9248
9	535c	0.0377	0.0085	0.0535	0.3782	0.0851	0.5355	−0.0059	0.9072	0.9082
10	540c	0.0428	0.0084	0.0692	0.3547	0.0701	0.5742	0.0024	0.8789	0.8798
11	545c	0.0531	0.0083	0.1019	0.325	0.0512	0.623	−0.004	0.8232	0.8242
12	550c	0.0857	0.0081	0.2044	0.2872	0.0273	0.685	0.0032	0.6445	0.6455
13	555c	0.2038	0.0072	0.5761	0.2588	0.0092	0.7317	2.3136	0.0	0.0009
14	560c	0.2038	0.0072	0.5761	0.2588	0.0092	0.7317	7.9118	0.0	0.0009
15	565c	0.2038	0.0072	0.5761	0.2588	0.0092	0.7317	13.0828	0.0	0.0009
0	400	0.204	0.0072	0.5767	0.2588	0.0092	0.7317	normalized, Y_w=100		
Tristimulus values of reference illuminant										
380	780	21.321	21.356	24.189	0.3188	0.3193	0.3617	not normalized		
380	780	99.837	99.999	113.264	0.3188	0.3193	0.3617	normalized, Y_w=100		

Spectral data on the purple line: λ_d= 700nm to 400nm, normalized, Y_w=100

0.0207	0.0224	0.0245	0.0263	0.0277	0.0292	0.0306	0.0324	0.0345
0.0377	0.0428	0.0531	0.0857	0.2038	0.2038	0.2038	0.204	
0.0086	0.0086	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085
0.0085	0.0084	0.0083	0.0081	0.0072	0.0072	0.0072	0.0072	
0.0	0.005	0.0118	0.0174	0.0219	0.0264	0.0309	0.0366	0.0433
0.0535	0.0692	0.1019	0.2044	0.5761	0.5761	0.5761	0.5767	

CE861−7N

see similar files: http://farbe.li.tu-berlin.de/CE86/CE86.HTM
technical information: http://farbe.li.tu-berlin.de or http://130.149.60.45/~farbmetrik

TUB registration: 20180301-CE86/CE86L0NP.PDF /.PS
application for measurement of offset print output

TUB material: code=rha4ta

1−000530−F0

Spectral data on the purple line: LMS_17M3, t_{sa}=0.0 , P00, not normalized

i	λ_d	X_i	Y_i	Z_i	x_i	y_i	z_i		*INP*	*IPN*
0	495	0.0458	0.3265	0.4742	0.0541	0.3856	0.56		18	50
1	500	0.0223	0.386	0.3979	0.0277	0.4787	0.4934		20	−1
2	505	0.0102	0.4503	0.3286	0.0129	0.5706	0.4163		20	−1
3	510	0.0116	0.5182	0.2669	0.0146	0.6502	0.3349		22	−1
4	515	0.0282	0.5881	0.2133	0.034	0.7086	0.2571		23	−1
5	520	0.061	0.6582	0.1678	0.0688	0.7419	0.1891		24	−1
6	525	0.1102	0.7265	0.1298	0.1139	0.7515	0.1343		25	−1
7	530	0.1749	0.7908	0.0988	0.1643	0.7427	0.0928		26	−1
8	535	0.2535	0.8489	0.074	0.2154	0.7214	0.0629		26	−1
9	540	0.3433	0.8988	0.0546	0.2647	0.693	0.0421		27	−1
10	545	0.4405	0.9385	0.0396	0.3105	0.6614	0.0279		28	−1
11	550	0.5411	0.9664	0.0282	0.3523	0.6292	0.0184		29	−1
12	555	0.6403	0.9815	0.0198	0.3899	0.5978	0.012		31	−1
13	560	0.7332	0.9832	0.0137	0.4237	0.5682	0.0079		32	9
14	565	0.8154	0.9713	0.0093	0.4539	0.5407	0.0051		32	13
i	λ_d	X_{ci}	Y_{ci}	Z_{ci}	x_{ci}	y_{ci}	z_{ci}	*TNX*	*XIE1*	*XIE2*
60	700	0.0072	0.003	0.0	0.7	0.2903	0.0	not normalized		
1	495c	0.0073	0.003	0.0001	0.6922	0.2854	0.0128	−0.005	0.999	1.0
2	500c	0.0077	0.003	0.0014	0.6269	0.2438	0.1211	−0.0006	0.9892	0.9902
3	505c	0.0081	0.0029	0.0028	0.5778	0.2125	0.2024	0.0009	0.9785	0.9794
4	510c	0.0085	0.0029	0.0042	0.5396	0.1882	0.2657	0.0001	0.9687	0.9697
5	515c	0.0088	0.0029	0.0052	0.5147	0.1723	0.3071	0.0004	0.9609	0.9619
6	520c	0.0091	0.0029	0.0063	0.4935	0.1588	0.3422	0.0001	0.9531	0.9541
7	525c	0.0095	0.0029	0.0074	0.4753	0.1472	0.3724	0.0003	0.9453	0.9462
8	530c	0.0099	0.0029	0.0088	0.4558	0.1348	0.4047	−0.0004	0.9365	0.9375
9	535c	0.0104	0.0029	0.0104	0.4362	0.1223	0.4372	−0.0005	0.9248	0.9257
10	540c	0.011	0.0029	0.0126	0.4148	0.1087	0.4726	0.0004	0.9082	0.9091
11	545c	0.0122	0.0028	0.0164	0.3866	0.0907	0.5194	0.0	0.8818	0.8828
12	550c	0.0144	0.0028	0.0237	0.3512	0.0682	0.578	0.0003	0.8281	0.8291
13	555c	0.0213	0.0025	0.0468	0.3016	0.0365	0.6603	0.0	0.663	0.664
14	560c	0.0491	0.0017	0.1388	0.2587	0.0092	0.7314	0.0973	0.0	0.0009
15	565c	0.0491	0.0017	0.1388	0.2587	0.0092	0.7314	0.3626	0.0	0.0009
0	400	0.0491	0.0017	0.1389	0.2587	0.0092	0.7314	not normalized		

Tristimulus values of reference illuminant

380	780	20.749	20.958	17.226	0.352	0.3556	0.2923	not normalized
380	780	99.0	100.0	82.193	0.352	0.3556	0.2923	normalized, Y_w=100

Spectral data on the purple line: λ_d= 700nm to 400nm, not normalized

0.0072	0.0073	0.0077	0.0081	0.0085	0.0088	0.0091	0.0095	0.0099
0.0104	0.011	0.0122	0.0144	0.0213	0.0491	0.0491	0.0491	
0.003	0.003	0.003	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029
0.0029	0.0029	0.0028	0.0028	0.0025	0.0017	0.0017	0.0017	
0.0	0.0001	0.0014	0.0028	0.0042	0.0052	0.0063	0.0074	0.0088
0.0104	0.0126	0.0164	0.0237	0.0468	0.1388	0.1388	0.1389	

CE860−7N

Spectral data on the purple line: LMS_17M3, t_{sa}=0.0 , P00, normalized, Y_w=100

i	λ_d	X_{ni}	Y_{ni}	Z_{ni}	x_{ni}	y_{ni}	z_{ni}		*INP*	*IPN*
0	495	0.2188	1.5579	2.2626	0.0541	0.3856	0.5601		19	50
1	500	0.1066	1.8421	1.8988	0.0277	0.4787	0.4934		20	−1
2	505	0.0487	2.1489	1.5678	0.0129	0.5706	0.4163		21	−1
3	510	0.0555	2.4726	1.2737	0.0146	0.6503	0.335		21	−1
4	515	0.1347	2.806	1.0181	0.034	0.7087	0.2571		22	−1
5	520	0.2912	3.1405	0.8007	0.0688	0.7419	0.1891		24	−1
6	525	0.5258	3.4664	0.6196	0.114	0.7516	0.1343		25	−1
7	530	0.8347	3.7733	0.4718	0.1643	0.7427	0.0928		25	−1
8	535	1.2098	4.0507	0.3534	0.2154	0.7215	0.0629		27	−1
9	540	1.638	4.2886	0.2605	0.2647	0.6931	0.0421		28	−1
10	545	2.1021	4.4779	0.1889	0.3105	0.6615	0.0279		29	−1
11	550	2.582	4.6113	0.1348	0.3523	0.6292	0.0184		30	−1
12	555	3.0551	4.6834	0.0946	0.39	0.5978	0.012		30	−1
13	560	3.4986	4.6912	0.0654	0.4238	0.5682	0.0079		31	9
14	565	3.8909	4.6344	0.0444	0.454	0.5407	0.0051		32	13
i	λ_d	X_{cni}	Y_{cni}	Z_{cni}	x_{cni}	y_{cni}	z_{cni}	*TNX*	*XIE1*	*XIE2*
60	700	0.0347	0.0144	0.0	0.7053	0.2925	0.0	normalized, Y_w=100		
1	495c	0.0349	0.0143	0.0006	0.6974	0.2875	0.0129	−0.115	0.999	1.0
2	500c	0.0368	0.0143	0.0071	0.6309	0.2453	0.1219	−0.015	0.9892	0.9902
3	505c	0.0388	0.0142	0.0136	0.5811	0.2137	0.2036	0.0214	0.9785	0.9794
4	510c	0.0407	0.0142	0.02	0.5423	0.1891	0.2671	0.0037	0.9687	0.9697
5	515c	0.0423	0.0141	0.0252	0.5171	0.1731	0.3085	0.0101	0.9609	0.9619
6	520c	0.0438	0.0141	0.0304	0.4956	0.1595	0.3437	0.004	0.9531	0.9541
7	525c	0.0454	0.014	0.0356	0.4771	0.1478	0.3739	0.0079	0.9453	0.9462
8	530c	0.0474	0.014	0.042	0.4574	0.1352	0.4062	−0.0111	0.9365	0.9375
9	535c	0.0497	0.0139	0.0498	0.4376	0.1227	0.4387	−0.0125	0.9248	0.9257
10	540c	0.0528	0.0138	0.0602	0.4161	0.109	0.474	0.0092	0.9082	0.9091
11	545c	0.0583	0.0136	0.0783	0.3876	0.0909	0.5207	−0.0017	0.8818	0.8828
12	550c	0.0688	0.0133	0.1133	0.3519	0.0683	0.5791	0.008	0.8281	0.8291
13	555c	0.102	0.0123	0.2234	0.3019	0.0366	0.6611	−0.0019	0.663	0.664
14	560c	0.2343	0.0083	0.6625	0.2588	0.0092	0.7317	2.2164	0.0	0.0009
15	565c	0.2343	0.0083	0.6625	0.2588	0.0092	0.7317	8.2566	0.0	0.0009
0	400	0.2345	0.0083	0.6631	0.2588	0.0092	0.7317	normalized, Y_w=100		

Tristimulus values of reference illuminant

380	780	20.749	20.958	17.226	0.352	0.3556	0.2923	not normalized
380	780	99.0	100.0	82.193	0.352	0.3556	0.2923	normalized, Y_w=100

Spectral data on the purple line: λ_d= 700nm to 400nm, normalized, Y_w=100

0.0347	0.0349	0.0368	0.0388	0.0407	0.0423	0.0438	0.0454	0.0474
0.0497	0.0528	0.0583	0.0688	0.102	0.2343	0.2343	0.2345	
0.0144	0.0143	0.0143	0.0142	0.0142	0.0141	0.0141	0.014	0.014
0.0139	0.0138	0.0136	0.0133	0.0123	0.0083	0.0083	0.0083	
0.0	0.0006	0.0071	0.0136	0.02	0.0252	0.0304	0.0356	0.042
0.0498	0.0602	0.0783	0.1133	0.2234	0.6625	0.6625	0.6631	

CE861−7N

see similar files: http://farbe.li.tu-berlin.de/CE86/CE86.HTM
technical information: http://farbe.li.tu-berlin.de or http://130.149.60.45/~farbmetrik

TUB registration: 20180301-CE86/CE86L0NP.PDF /.PS
application for measurement of offset print output

TUB material: code=rha4ta

1−000630−F0

Spectral data on the purple line: LMS_17M3, t_{sa}=0.0 , Q00, not normalized

i	λd	X_i	Y_i	Z_i	x_i	y_i	z_i		*INP*	*IPN*
0	495	0.0579	0.4122	0.5987	0.0541	0.3856	0.56		19	−1
1	500	0.0277	0.4787	0.4934	0.0277	0.4787	0.4934		20	−1
2	505	0.0124	0.5484	0.4001	0.0129	0.5706	0.4163		21	−1
3	510	0.0139	0.6198	0.3193	0.0146	0.6502	0.3349		22	−1
4	515	0.0331	0.6908	0.2506	0.034	0.7087	0.2571		23	−1
5	520	0.0704	0.7594	0.1936	0.0688	0.7419	0.1891		24	−1
6	525	0.1248	0.8233	0.1471	0.114	0.7515	0.1343		25	−1
7	530	0.1947	0.8803	0.11	0.1643	0.7427	0.0928		25	−1
8	535	0.2772	0.9283	0.081	0.2154	0.7214	0.0629		26	−1
9	540	0.3687	0.9654	0.0586	0.2647	0.693	0.0421		28	−1
10	545	0.4648	0.9901	0.0417	0.3105	0.6614	0.0279		29	−1
11	550	0.5608	1.0016	0.0292	0.3523	0.6292	0.0184		30	−1
12	555	0.6518	0.9992	0.0202	0.3899	0.5978	0.012		30	9
13	560	0.7332	0.9832	0.0137	0.4237	0.5682	0.0079		32	12
14	565	0.801	0.9541	0.0091	0.4539	0.5407	0.0051		33	14
i	**λd**	X_{ci}	Y_{ci}	Z_{ci}	x_{ci}	y_{ci}	z_{ci}	***TNX***	***XIE1***	***XIE2***
60	700	0.0043	0.0018	0.0	0.6955	0.2885	0.0	not normalized		
1	495c	0.0047	0.0018	0.0012	0.6034	0.2296	0.1543	−0.0002	0.9951	0.996
2	500c	0.0052	0.0018	0.0026	0.5332	0.1847	0.2719	−0.0002	0.9892	0.9902
3	505c	0.0055	0.0018	0.0036	0.5001	0.1635	0.3273	0.002	0.9843	0.9853
4	510c	0.006	0.0018	0.0051	0.4628	0.1397	0.3898	−0.0018	0.9794	0.9804
5	515c	0.0064	0.0018	0.0061	0.4436	0.1274	0.422	−0.0013	0.9755	0.9765
6	520c	0.0067	0.0018	0.007	0.4275	0.1171	0.4489	−0.0002	0.9716	0.9726
7	525c	0.0072	0.0018	0.0085	0.4079	0.1046	0.4817	−0.0021	0.9658	0.9667
8	530c	0.0077	0.0018	0.01	0.3922	0.0945	0.508	−0.0006	0.9599	0.9609
9	535c	0.0085	0.0018	0.0124	0.372	0.0816	0.5418	−0.001	0.9501	0.9511
10	540c	0.0098	0.0018	0.0163	0.3495	0.0672	0.5796	−0.0004	0.9345	0.9355
11	545c	0.0126	0.0019	0.0246	0.3215	0.0493	0.6265	0.0003	0.9003	0.9013
12	550c	0.0233	0.0021	0.0564	0.2846	0.0258	0.6882	0.0002	0.7734	0.7744
13	555c	0.0884	0.0031	0.2499	0.2587	0.0092	0.7316	0.221	0.0	0.0009
14	560c	0.0884	0.0031	0.2499	0.2587	0.0092	0.7316	0.713	0.0	0.0009
15	565c	0.0884	0.0031	0.2499	0.2587	0.0092	0.7316	1.1709	0.0	0.0009
0	400	0.0884	0.0031	0.2501	0.2587	0.0092	0.7316	not normalized		
Tristimulus values of reference illuminant										
380	780	21.61	21.401	25.133	0.3171	0.314	0.3688	not normalized		
380	780	100.978	99.999	117.438	0.3171	0.314	0.3688	normalized, Y_w=100		

Spectral data on the purple line: λ_d= 700nm to 400nm, not normalized

0.0043	0.0047	0.0052	0.0055	0.006	0.0064	0.0067	0.0072	0.0077
0.0085	0.0098	0.0126	0.0233	0.0884	0.0884	0.0884	0.0884	
0.0018	0.0018	0.0018	0.0018	0.0018	0.0018	0.0018	0.0018	0.0018
0.0018	0.0018	0.0019	0.0021	0.0031	0.0031	0.0031	0.0031	
0.0	0.0012	0.0026	0.0036	0.0051	0.0061	0.007	0.0085	0.01
0.0124	0.0163	0.0246	0.0564	0.2499	0.2499	0.2499	0.2501	

CE860−7N

Spectral data on the purple line: LMS_17M3, t_{sa}=0.0 , Q00, normalized, Y_w=100

i	λd	X_{ni}	Y_{ni}	Z_{ni}	x_{ni}	y_{ni}	z_{ni}		*INP*	*IPN*
0	495	0.2705	1.9264	2.7978	0.0541	0.3856	0.5601		19	−1
1	500	0.1294	2.237	2.3058	0.0277	0.4787	0.4934		20	−1
2	505	0.0581	2.5629	1.8698	0.0129	0.5706	0.4163		21	−1
3	510	0.065	2.8963	1.492	0.0146	0.6503	0.335		22	−1
4	515	0.155	3.2282	1.1713	0.034	0.7087	0.2571		23	−1
5	520	0.3291	3.5488	0.9048	0.0688	0.7419	0.1891		24	−1
6	525	0.5836	3.8474	0.6877	0.114	0.7516	0.1343		25	−1
7	530	0.91	4.1136	0.5143	0.1643	0.7427	0.0928		26	−1
8	535	1.2955	4.3377	0.3785	0.2154	0.7215	0.0629		27	−1
9	540	1.7229	4.511	0.274	0.2647	0.6931	0.0421		28	−1
10	545	2.172	4.6267	0.1952	0.3105	0.6615	0.0279		28	−1
11	550	2.6205	4.6802	0.1368	0.3523	0.6292	0.0184		29	−1
12	555	3.0458	4.6692	0.0944	0.39	0.5978	0.012		30	9
13	560	3.4263	4.5942	0.064	0.4238	0.5682	0.0079		31	12
14	565	3.743	4.4582	0.0427	0.454	0.5407	0.0051		32	14
i	**λd**	X_{cni}	Y_{cni}	Z_{cni}	x_{cni}	y_{cni}	z_{cni}	***TNX***	***XIE1***	***XIE2***
60	700	0.0204	0.0084	0.0	0.7043	0.2921	0.0	normalized, Y_w=100		
1	495c	0.0223	0.0084	0.0057	0.6094	0.2319	0.1558	−0.0045	0.9951	0.996
2	500c	0.0246	0.0085	0.0125	0.5374	0.1862	0.2741	−0.0056	0.9892	0.9902
3	505c	0.0261	0.0085	0.0171	0.5036	0.1647	0.3297	0.0442	0.9843	0.9853
4	510c	0.0284	0.0085	0.0239	0.4656	0.1405	0.3921	−0.0411	0.9794	0.9804
5	515c	0.0299	0.0086	0.0285	0.446	0.1281	0.4243	−0.0299	0.9755	0.9765
6	520c	0.0315	0.0086	0.0331	0.4297	0.1177	0.4511	−0.0065	0.9716	0.9726
7	525c	0.0338	0.0086	0.0399	0.4097	0.1051	0.4839	−0.0476	0.9658	0.9667
8	530c	0.0361	0.0087	0.0468	0.3938	0.0949	0.51	−0.0133	0.9599	0.9609
9	535c	0.0399	0.0087	0.0582	0.3733	0.0819	0.5437	−0.0229	0.9501	0.9511
10	540c	0.0461	0.0088	0.0764	0.3504	0.0674	0.5812	−0.0095	0.9345	0.9355
11	545c	0.0591	0.009	0.1153	0.3221	0.0494	0.6278	0.0067	0.9003	0.9013
12	550c	0.109	0.0098	0.2637	0.2849	0.0258	0.6889	0.0061	0.7734	0.7744
13	555c	0.4131	0.0147	1.1678	0.2588	0.0092	0.7318	4.8271	0.0	0.0009
14	560c	0.4131	0.0147	1.1678	0.2588	0.0092	0.7318	15.5676	0.0	0.0009
15	565c	0.4131	0.0147	1.1678	0.2588	0.0092	0.7318	25.5659	0.0	0.0009
0	400	0.4134	0.0147	1.169	0.2588	0.0092	0.7318	normalized, Y_w=100		
Tristimulus values of reference illuminant										
380	780	21.61	21.401	25.133	0.3171	0.314	0.3688	not normalized		
380	780	100.978	99.999	117.438	0.3171	0.314	0.3688	normalized, Y_w=100		

Spectral data on the purple line: λ_d= 700nm to 400nm, normalized, Y_w=100

0.0204	0.0223	0.0246	0.0261	0.0284	0.0299	0.0315	0.0338	0.0361
0.0399	0.0461	0.0591	0.109	0.4131	0.4131	0.4131	0.4134	
0.0084	0.0084	0.0085	0.0085	0.0085	0.0086	0.0086	0.0086	0.0087
0.0087	0.0088	0.009	0.0098	0.0147	0.0147	0.0147	0.0147	
0.0	0.0057	0.0125	0.0171	0.0239	0.0285	0.0331	0.0399	0.0468
0.0582	0.0764	0.1153	0.2637	1.1678	1.1678	1.1678	1.169	

CE861−7N

see similar files: http://farbe.li.tu-berlin.de/CE86/CE86.HTM
technical information: http://farbe.li.tu-berlin.de or http://130.149.60.45/~farbmetrik

TUB registration: 20180301-CE86/CE86L0NP.PDF /.PS
application for measurement of offset print output

TUB material: code=rha4ta

1−000730−F0