

Spectral data on the purple line: LMS\_17M3, t<sub>sa</sub>=0.0 , D65, not normalized

Table with 10 columns: i, λd, Xi, Yi, Zi, xi, yi, zi, INP, IPN. Rows 0-14.

Table with 10 columns: i, λd, Xci, Yci, Zci, xci, yci, zci, TNX, XIE1, XIE2. Rows 60-15.

Tristimulus values of reference illuminant. Rows 380, 780.

Spectral data on the purple line: λd= 700nm to 400nm, not normalized. Rows 0.0041-0.0105.

Spectral data on the purple line: LMS\_17M3, t<sub>sa</sub>=0.0 , D65, normalized, XYZ<sub>w</sub>=100

Table with 10 columns: i, λd, Xmi, Ymi, Zmi, xmi, ymi, zmi, INP, IPN. Rows 0-14.

Table with 10 columns: i, λd, Xcmi, Ycmi, Zcmi, xcmi, ycmi, zcmi, TNX, XIE1, XIE2. Rows 60-15.

Tristimulus values of reference illuminant. Rows 380, 780.

Spectral data on the purple line: λd= 700nm to 400nm, normalized, XYZ<sub>w</sub>=100. Rows 0.0204-0.0596.

see similar files: http://farbe.li.tu-berlin.de/CE87/CE87L0NP.PDF /.PS application for measurement of offset print output

TUB registration: 20180301-CE87/CE87L0NP.PDF /.PS TUB material: code=rh4ta



Spectral data on the purple line: LMS\_17M3, t<sub>sa</sub>=0.0, D50, not normalized

Table with 10 columns: i, λd, Xi, Yi, Zi, xi, yi, zi, INP, IPN. Rows 0-14.

Table with 10 columns: i, λd, Xci, Yci, Zci, xci, yci, zci, TNX, XIE1, XIE2. Rows 60-15, 0.

Tristimulus values of reference illuminant. Rows 380, 780.

Spectral data on the purple line: λd= 700nm to 400nm, not normalized. Rows 0.0053 to 0.0083.

Spectral data on the purple line: LMS\_17M3, t<sub>sa</sub>=0.0, D50, normalized, XYZ<sub>w</sub>=100

Table with 10 columns: i, λd, Xmi, Ymi, Zmi, xmi, ymi, zmi, INP, IPN. Rows 0-14.

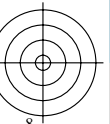
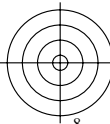
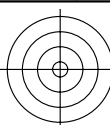
Table with 10 columns: i, λd, Xcmi, Ycmi, Zcmi, xcmi, ycmi, zcmi, TNX, XIE1, XIE2. Rows 60-15, 0.

Tristimulus values of reference illuminant. Rows 380, 780.

Spectral data on the purple line: λd= 700nm to 400nm, normalized, XYZ<sub>w</sub>=100. Rows 0.0273 to 0.0402.

see similar files: http://farbe.li.tu-berlin.de/CE87/CE87L0NP.PDF /.PS application for measurement of offset print output

TUB registration: 20180301-CE87/CE87L0NP.PDF /.PS TUB material: code=rh4ta



Spectral data on the purple line: LMS\_17M3, t<sub>sa</sub>=0.0 , P40, not normalized

Table with 10 columns: i, λd, Xi, Yi, Zi, xi, yi, zi, INP, IPN. Rows 0-14.

Table with 10 columns: i, λd, Xci, Yci, Zci, xci, yci, zci, TNX, XIE1, XIE2. Rows 60-15.

Tristimulus values of reference illuminant. Rows 380, 780.

Spectral data on the purple line: λd= 700nm to 400nm, not normalized. Rows 0.0068-0.0071.

Spectral data on the purple line: LMS\_17M3, t<sub>sa</sub>=0.0 , P40, normalized, XYZ<sub>w</sub>=100

Table with 10 columns: i, λd, Xmi, Ymi, Zmi, xmi, ymi, zmi, INP, IPN. Rows 0-14.

Table with 10 columns: i, λd, Xcmi, Ycmi, Zcmi, xcmi, ycmi, zcmi, TNX, XIE1, XIE2. Rows 60-15.

Tristimulus values of reference illuminant. Rows 380, 780.

Spectral data on the purple line: λd= 700nm to 400nm, normalized, XYZ<sub>w</sub>=100. Rows 0.035-0.0318.

see similar files: http://farbe.li.tu-berlin.de/CE87/CE87L0NP.PDF /.PS application for measurement of offset print output

TUB registration: 20180301-CE87/CE87L0NP.PDF /.PS TUB material: code=rha4ta



Spectral data on the purple line: LMS\_17M3, t<sub>sa</sub>=0.0 , A00, not normalized

Table with 10 columns: i, λd, Xi, Yi, Zi, xi, yi, zi, INP, IPN. Rows 0-14.

Table with 10 columns: i, λd, Xci, Yci, Zci, xci, yci, zci, TNX, XIEI, XIE2. Rows 60-15.

Tristimulus values of reference illuminant. Rows 380, 780.

Spectral data on the purple line: λd= 700nm to 400nm, not normalized. Rows 0.0115 to 0.0046.

Spectral data on the purple line: LMS\_17M3, t<sub>sa</sub>=0.0 , A00, normalized, XYZ<sub>w</sub>=100

Table with 10 columns: i, λd, Xmi, Ymi, Zmi, xmi, ymi, zmi, INP, IPN. Rows 0-14.

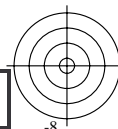
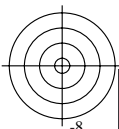
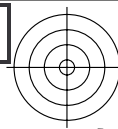
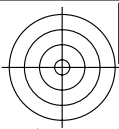
Table with 10 columns: i, λd, Xcmi, Ycmi, Zcmi, xcmi, ycmi, zcmi, TNX, XIEI, XIE2. Rows 60-15.

Tristimulus values of reference illuminant. Rows 380, 780.

Spectral data on the purple line: λd= 700nm to 400nm, normalized, XYZ<sub>w</sub>=100. Rows 0.0567 to 0.0159.

see similar files: http://farbe.li.tu-berlin.de/CE87/CE87L0NP.PDF /.PS application for measurement of offset print output

TUB registration: 20180301-CE87/CE87L0NP.PDF /.PS TUB material: code=rh4ta



Spectral data on the purple line: LMS\_17M3, t<sub>sa</sub>=0.0 , E00, not normalized

Table with 10 columns: i, λd, Xi, Yi, Zi, xi, yi, zi, INP, IPN. Rows 0-14 showing spectral data for various wavelengths from 495nm to 565nm.

Table with 10 columns: i, λd, Xci, Yci, Zci, xci, yci, zci, TNX, XIE1, XIE2. Rows 60-15 showing chromaticity data for various wavelengths from 700nm to 565c.

Tristimulus values of reference illuminant

Table with 10 columns: wavelength, X, Y, Z, x, y, z, TNX, XIE1, XIE2. Rows for 780nm illuminant, showing normalized and non-normalized values.

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

Table with 10 columns: i, λd, X, Y, Z, x, y, z, TNX, XIE1, XIE2. Rows showing spectral data for wavelengths from 700nm to 400nm.

Spectral data on the purple line: LMS\_17M3, t<sub>sa</sub>=0.0 , E00, normalized, XYZ<sub>w</sub>=100

Table with 10 columns: i, λd, Xmi, Ymi, Zmi, xmi, ymi, zmi, INP, IPN. Rows 0-14 showing normalized spectral data for various wavelengths from 495nm to 565nm.

Table with 10 columns: i, λd, Xcmi, Ycmi, Zcmi, xcmi, ycmi, zcmi, TNX, XIE1, XIE2. Rows 60-15 showing normalized chromaticity data for various wavelengths from 700nm to 565c.

Tristimulus values of reference illuminant

Table with 10 columns: wavelength, X, Y, Z, x, y, z, TNX, XIE1, XIE2. Rows for 780nm illuminant, showing normalized values for XYZ<sub>w</sub>=100.

Spectral data on the purple line: λd= 700nm to 400nm, normalized, XYZ<sub>w</sub>=100

Table with 10 columns: i, λd, X, Y, Z, x, y, z, TNX, XIE1, XIE2. Rows showing normalized spectral data for wavelengths from 700nm to 400nm.

see similar files: http://farbe.li.tu-berlin.de/CE87/CE87L0NP.PDF /.PS  
technical information: http://farbe.li.tu-berlin.de or http://130.149.60.45/~farbmetrik

TUB registration: 20180301-CE87/CE87L0NP.PDF /.PS  
application for measurement of offset print output

TUB material: code=rha4ta

Spectral data on the purple line: LMS\_17M3, t<sub>sa</sub>=0.0 , C00, not normalized

Table with 10 columns: i, λd, Xi, Yi, Zi, xi, yi, zi, INP, IPN. Rows 0-14 showing spectral data for various wavelengths from 495nm to 565nm.

Table with 10 columns: i, λd, Xci, Yci, Zci, xci, yci, zci, TNX, XIE1, XIE2. Rows 60-15 showing chromaticity data for various wavelengths from 700nm to 565c.

Tristimulus values of reference illuminant. Rows 380, 780 showing values for reference illuminant under different normalization conditions.

Spectral data on the purple line: λd= 700nm to 400nm, not normalized. Rows 0.0044 to 0.0114 showing spectral data for purple line across various wavelengths.

Spectral data on the purple line: LMS\_17M3, t<sub>sa</sub>=0.0 , C00, normalized, XYZ<sub>w</sub>=100

Table with 10 columns: i, λd, Xmi, Ymi, Zmi, xmi, ymi, zmi, INP, IPN. Rows 0-14 showing normalized spectral data for various wavelengths from 495nm to 565nm.

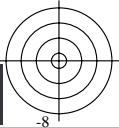
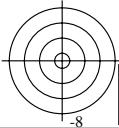
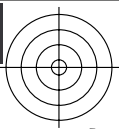
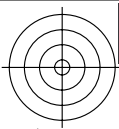
Table with 10 columns: i, λd, Xcmi, Ycmi, Zcmi, xcmi, ycmi, zcmi, TNX, XIE1, XIE2. Rows 60-15 showing normalized chromaticity data for various wavelengths from 700nm to 565c.

Tristimulus values of reference illuminant. Rows 380, 780 showing normalized tristimulus values for reference illuminant.

Spectral data on the purple line: λd= 700nm to 400nm, normalized, XYZ<sub>w</sub>=100. Rows 0.0208 to 0.0621 showing normalized spectral data for purple line across various wavelengths.

see similar files: http://farbe.li.tu-berlin.de/CE87/CE87L0NP.PDF /.PS application for measurement of offset print output

TUB registration: 20180301-CE87/CE87L0NP.PDF /.PS TUB material: code=rh4ta



Spectral data on the purple line: LMS\_17M3, t<sub>sa</sub>=0.0 , P00, not normalized

i	λ <sub>d</sub>	X <sub>i</sub>	Y <sub>i</sub>	Z <sub>i</sub>	x <sub>i</sub>	y <sub>i</sub>	z <sub>i</sub>	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 <sub>d</sub>	X <sub>ci</sub>	Y <sub>ci</sub>	Z <sub>ci</sub>	x <sub>ci</sub>	y <sub>ci</sub>	z <sub>ci</sub>	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 <sub>w</sub> =100

Spectral data on the purple line: λ<sub>d</sub>= 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	

Spectral data on the purple line: LMS\_17M3, t<sub>sa</sub>=0.0 , P00, normalized, XYZ<sub>w</sub>=100

i	λ <sub>d</sub>	X <sub>mi</sub>	Y <sub>mi</sub>	Z <sub>mi</sub>	x <sub>mi</sub>	y <sub>mi</sub>	z <sub>mi</sub>	INP	IPN
0	495	0.221	1.5579	2.7528	0.0487	0.3437	0.6074	18	43
1	500	0.1077	1.8421	2.3102	0.0252	0.4324	0.5422	20	-1
2	505	0.0492	2.1489	1.9075	0.012	0.5233	0.4645	20	-1
3	510	0.0561	2.4726	1.5497	0.0137	0.6062	0.3799	22	-1
4	515	0.1361	2.806	1.2387	0.0325	0.6711	0.2962	23	-1
5	520	0.2942	3.1405	0.9742	0.0667	0.7122	0.2209	24	-1
6	525	0.5311	3.4664	0.7539	0.1117	0.7295	0.1586	24	-1
7	530	0.8432	3.7733	0.574	0.1624	0.7269	0.1105	26	-1
8	535	1.222	4.0507	0.43	0.2142	0.7102	0.0754	26	-1
9	540	1.6545	4.2886	0.317	0.2642	0.685	0.0506	27	-1
10	545	2.1234	4.4779	0.2299	0.3108	0.6554	0.0336	28	-1
11	550	2.608	4.6113	0.164	0.3532	0.6245	0.0222	29	-1
12	555	3.0859	4.6834	0.1152	0.3913	0.5939	0.0146	30	-1
13	560	3.534	4.6912	0.0795	0.4255	0.5648	0.0095	31	-1
14	565	3.9301	4.6344	0.0541	0.456	0.5377	0.0062	32	13

i	λ <sub>d</sub>	X <sub>cmi</sub>	Y <sub>cmi</sub>	Z <sub>cmi</sub>	x <sub>cmi</sub>	y <sub>cmi</sub>	z <sub>cmi</sub>	TNX	XIE1	XIE2
60	700	0.035	0.0144	0.0	0.7074	0.2905	0.0	normalized, XYZ <sub>w</sub> =100		
1	495c	0.0352	0.0143	0.0007	0.6976	0.2847	0.0155	-0.3425	0.999	1.0
2	500c	0.0356	0.0143	0.0023	0.6791	0.2739	0.045	-0.0171	0.997	0.998
3	505c	0.0376	0.0143	0.0102	0.604	0.2299	0.1644	-0.0027	0.9873	0.9882
4	510c	0.0392	0.0142	0.0165	0.559	0.2035	0.2359	0.0124	0.9785	0.9794
5	515c	0.0407	0.0142	0.0228	0.5231	0.1825	0.293	-0.0201	0.9716	0.9726
6	520c	0.0419	0.0141	0.0275	0.5005	0.1693	0.3289	0.0015	0.9648	0.9658
7	525c	0.0431	0.0141	0.0323	0.4809	0.1578	0.36	0.0229	0.9589	0.9599
8	530c	0.0447	0.0141	0.0386	0.4585	0.1446	0.3957	-0.0081	0.9521	0.9531
9	535c	0.0463	0.014	0.0449	0.4393	0.1334	0.4261	0.0186	0.9433	0.9443
10	540c	0.0486	0.0139	0.0543	0.4155	0.1194	0.4641	0.0128	0.9316	0.9326
11	545c	0.0522	0.0138	0.0685	0.3874	0.103	0.5086	0.0162	0.914	0.915
12	550c	0.0589	0.0136	0.0953	0.3506	0.0814	0.5673	-0.0012	0.8818	0.8828
13	555c	0.075	0.0132	0.1599	0.3023	0.0531	0.644	0.0077	0.8007	0.8017
14	560c	0.1937	0.0096	0.6342	0.2312	0.0115	0.757	0.0017	0.2128	0.2138
15	565c	0.2367	0.0083	0.806	0.2251	0.0079	0.7667	6.9576	0.0	0.0009
0	400	0.2369	0.0083	0.8068	0.2251	0.0079	0.7667	normalized, XYZ <sub>w</sub> =100		

Tristimulus values of reference illuminant

380	780	20.749	20.958	17.226	0.352	0.3556	0.2923	not normalized
380	780	99.999	100.0	100.0	0.3333	0.3333	0.3333	normalized, XYZ <sub>w</sub> =100

Spectral data on the purple line: λ<sub>d</sub>= 700nm to 400nm, normalized, XYZ<sub>w</sub>=100

0.035	0.0352	0.0356	0.0376	0.0392	0.0407	0.0419	0.0431	0.0447
0.0463	0.0486	0.0522	0.0589	0.075	0.1937	0.2367	0.2369	
0.0144	0.0143	0.0143	0.0143	0.0142	0.0142	0.0141	0.0141	0.0141
0.014	0.0139	0.0138	0.0136	0.0132	0.0096	0.0083	0.0083	
0.0	0.0007	0.0023	0.0102	0.0165	0.0228	0.0275	0.0323	0.0386
0.0449	0.0543	0.0685	0.0953	0.1599	0.6342	0.806	0.8068	

see similar files: http://farbe.li.tu-berlin.de/CE87/CE87L0NP.PDF /.PS  
technical information: http://farbe.li.tu-berlin.de or http://130.149.60.45/~farbmetrik

TUB registration: 20180301-CE87/CE87L0NP.PDF /.PS  
application for measurement of offset print output  
TUB material: code=rh4ta

Spectral data on the purple line: LMS\_17M3, t<sub>sa</sub>=0.0 , Q00, not normalized

Table with 10 columns: i, λd, Xi, Yi, Zi, xi, yi, zi, INP, IPN. Rows 0-14 showing spectral data for wavelengths 495-565nm.

Table with 10 columns: i, λd, Xci, Yci, Zci, xci, yci, zci, TNX, XIE1, XIE2. Rows 60-15 showing chromaticity data for various wavelengths.

Table with 8 columns: wavelength, X, Y, Z, x, y, z, and normalization status. Rows for 380nm and 780nm reference illuminants.

Table with 8 columns: wavelength, X, Y, Z, x, y, z, and normalization status. Rows for purple line data from 400nm to 700nm.

Spectral data on the purple line: LMS\_17M3, t<sub>sa</sub>=0.0 , Q00, normalized, XYZ<sub>w</sub>=100

Table with 10 columns: i, λd, Xmi, Ymi, Zmi, xmi, ymi, zmi, INP, IPN. Rows 0-14 showing normalized spectral data for wavelengths 495-565nm.

Table with 10 columns: i, λd, Xcmi, Ycmi, Zcmi, xcmi, ycmi, zcmi, TNX, XIE1, XIE2. Rows 60-15 showing normalized chromaticity data.

Table with 8 columns: wavelength, X, Y, Z, x, y, z, and normalization status. Rows for 380nm and 780nm reference illuminants.

Table with 8 columns: wavelength, X, Y, Z, x, y, z, and normalization status. Rows for purple line data from 400nm to 700nm.

see similar files: http://farbe.li.tu-berlin.de/CE87/CE87L0NP.PDF /.PS  
technical information: http://farbe.li.tu-berlin.de or http://130.149.60.45/~farbmetrik

TUB registration: 20180301-CE87/CE87L0NP.PDF /.PS  
application for measurement of offset print output  
TUB material: code=rh4ta

