http://130.149.60.45/~farbmetrik/TS03/TS03L0NA.TXT /.PS; comience salida
N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S), página 1/2

vea archivos semejantes: http://130.149.60.45/~farbmetrik/TS03/TS03.HTM
información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

TUB matrícula: 20130201-TS03/TS03L0NA.TXT /.PS
aplicación para la medida de display output

Cod.	i	$[X, Y, Z, x, y]_{100}$					$[L^*, a^*, b^*, C^*_{ab}, h_{ab}, a', b', c'_{ab}]_{100}$							
0099−R00B	00	27.2	11.6	1.4	0.677	0.289	40.6	85.6	50.8	99.6	30.7	0.291	−0.102	0.136
0099−Y95R	01	29.8	13.2	0.4	0.687	0.305	43.1	85.0	69.3	109.6	39.2	0.287	−0.061	0.169
0099−Y90R	02	32.3	15.0	0.0	0.683	0.317	45.6	83.2	78.7	114.5	43.4	0.283	0.0	0.226
0099−Y85R	03	34.4	16.9	0.0	0.671	0.329	48.1	80.2	82.9	115.4	46.0	0.278	0.0	0.225
0099−Y80R	04	36.3	18.8	0.0	0.659	0.341	50.5	76.4	86.7	115.6	48.6	0.273	−0.02	0.203
0099−Y75R	05	38.2	20.7	0.1	0.647	0.352	52.7	73.0	89.5	115.5	50.8	0.269	−0.033	0.189
0099−Y70R	06	40.0	22.7	0.0	0.638	0.362	54.8	69.8	94.4	117.4	53.5	0.265	0.0	0.221
0099−Y65R	07	41.7	24.7	0.0	0.628	0.372	56.8	66.5	97.8	118.3	55.8	0.261	0.0	0.22
0099−Y60R	08	43.2	26.7	0.0	0.618	0.382	58.7	62.7	101.2	119.0	58.2	0.257	0.0	0.22
0099−Y55R	09	44.6	28.9	0.1	0.607	0.392	60.6	58.4	103.9	119.2	60.6	0.254	−0.024	0.194
0099−Y50R	10	46.2	31.2	0.1	0.596	0.403	62.7	54.1	107.1	119.9	63.2	0.25	−0.026	0.191
0099−Y45R	11	48.1	33.9	0.1	0.586	0.413	64.9	50.0	110.8	121.6	65.7	0.246	−0.026	0.192
0099−Y40R	12	50.4	37.0	0.1	0.576	0.423	67.3	46.0	115.3	124.1	68.3	0.243	−0.022	0.195
0099−Y35R	13	53.3	40.7	0.1	0.566	0.433	70.0	41.9	119.3	126.5	70.7	0.24	−0.026	0.19
0099−Y30R	14	56.3	44.8	0.1	0.557	0.443	72.8	37.5	124.3	129.8	73.2	0.237	−0.024	0.191
0099−Y25R	15	59.4	49.3	0.1	0.546	0.453	75.6	32.6	128.7	132.8	75.8	0.233	−0.027	0.188
0099−Y20R	16	63.0	54.8	0.1	0.534	0.465	78.9	27.0	134.9	137.6	78.7	0.23	−0.023	0.192
0099−Y15R	17	67.3	61.6	0.2	0.522	0.477	82.7	20.5	140.1	141.6	81.7	0.226	−0.028	0.187
0099−Y10R	18	70.7	68.0	0.3	0.508	0.489	86.0	13.5	143.8	144.5	84.7	0.222	−0.034	0.181
0099−Y05R	19	71.8	72.4	0.5	0.496	0.5	88.2	6.5	144.9	145.0	87.4	0.219	−0.039	0.176
0099−Y00R	20	70.8	74.5	0.7	0.485	0.51	89.2	0.1	143.7	143.7	90.0	0.215	−0.043	0.172
0099−G95Y	21	68.0	74.4	0.8	0.475	0.519	89.1	−5.5	141.7	141.8	92.3	0.213	−0.046	0.169
0099−G90Y	22	64.7	73.1	0.8	0.467	0.527	88.5	−10.4	140.5	140.9	94.3	0.21	−0.046	0.169
0099−G85Y	23	61.7	71.8	0.9	0.459	0.534	87.9	−14.6	138.5	139.2	96.1	0.208	−0.048	0.167
0099−G80Y	24	58.8	70.3	0.8	0.453	0.541	87.1	−18.3	138.4	139.6	97.6	0.207	−0.047	0.168
0099−G75Y	25	55.8	68.4	0.6	0.447	0.548	86.2	−21.6	140.2	141.8	98.8	0.205	−0.042	0.173
0099−G70Y	26	52.6	66.0	0.6	0.441	0.554	85.0	−24.5	138.4	140.6	100.1	0.203	−0.042	0.173
0099−G65Y	27	49.2	63.2	0.6	0.435	0.559	83.6	−27.4	135.8	138.5	101.4	0.202	−0.043	0.172
0099−G60Y	28	45.5	60.0	0.7	0.429	0.565	81.8	−30.2	131.8	135.2	103.0	0.2	−0.045	0.17
0099−G55Y	29	41.5	56.2	0.5	0.422	0.573	79.8	−33.3	130.1	134.3	104.4	0.198	−0.043	0.173
0099−G50Y	30	37.1	52.2	0.4	0.414	0.582	77.4	−36.8	127.4	132.7	106.2	0.196	−0.041	0.175
0099−G45Y	31	32.8	48.2	0.4	0.403	0.592	75.0	−41.0	123.4	130.0	108.4	0.193	−0.042	0.174
0099−G40Y	32	28.6	44.5	0.4	0.389	0.606	72.6	−46.4	119.8	128.5	111.2	0.189	−0.041	0.175
0099−G35Y	33	24.6	41.3	0.3	0.372	0.624	70.4	−53.4	117.7	129.3	114.4	0.184	−0.037	0.18
0099−G30Y	34	20.9	38.5	0.3	0.35	0.645	68.4	−61.8	113.3	129.1	118.6	0.179	−0.041	0.177
0099−G25Y	35	17.5	36.2	0.6	0.322	0.667	66.7	−71.9	106.1	128.2	124.2	0.172	−0.053	0.168
0099−G20Y	36	13.9	34.3	0.6	0.285	0.703	65.2	−86.4	103.7	135.0	129.9	0.162	−0.054	0.17
0099−G15Y	37	10.0	32.8	0.6	0.231	0.755	64.0	−108.2	102.0	148.8	136.7	0.148	−0.054	0.175
0099−G10Y	38	6.7	31.5	2.2	0.166	0.781	62.9	−133.6	82.0	156.8	148.5	0.131	−0.085	0.155
0099−G05Y	39	4.6	30.4	6.0	0.113	0.741	62.0	−153.5	58.4	164.3	159.2	0.117	−0.121	0.136
0099−G00Y	40	3.7	29.5	11.7	0.083	0.658	61.2	−163.1	38.2	167.6	166.8	0.11	−0.153	0.123
0099−B95G	41	3.7	28.8	18.4	0.073	0.565	60.6	−159.9	21.3	161.4	172.4	0.111	−0.18	0.111
0099−B90G	42	4.6	28.2	24.5	0.08	0.492	60.1	−145.6	9.4	146.0	176.3	0.12	−0.199	0.098
0099−B85G	43	5.2	27.9	28.5	0.085	0.452	59.8	−136.2	2.7	136.3	178.9	0.126	−0.21	0.091
0099−B80G	44	5.4	27.7	31.3	0.084	0.43	59.6	−133.4	−1.6	133.5	180.7	0.127	−0.217	0.089
0099−B75G	45	5.7	27.6	34.0	0.085	0.41	59.5	−129.7	−5.5	129.9	182.5	0.13	−0.224	0.087
0099−B70G	46	6.2	27.5	36.7	0.088	0.391	59.4	−123.7	−9.1	124.1	184.3	0.133	−0.23	0.084
0099−B65G	47	6.6	27.5	39.5	0.09	0.373	59.4	−119.0	−12.6	119.8	186.1	0.136	−0.236	0.082
0099−B60G	48	7.1	27.4	42.4	0.092	0.356	59.3	−114.0	−16.1	115.2	188.1	0.14	−0.241	0.081
0099−B55G	49	7.5	27.3	45.3	0.094	0.341	59.2	−109.3	−19.5	111.2	190.2	0.143	−0.247	0.08
0099−B50G	50	8.0	27.0	48.1	0.096	0.325	59.0	−104.3	−23.0	106.9	192.5	0.146	−0.253	0.08
0099−B45G	51	8.4	26.6	50.7	0.098	0.31	58.6	−98.9	−26.4	102.5	195.0	0.149	−0.259	0.08
0099−B40G	52	8.8	26.0	53.3	0.099	0.295	58.0	−93.2	−29.9	98.0	197.9	0.152	−0.265	0.081
0099−B35G	53	9.1	25.4	56.1	0.1	0.28	57.4	−87.7	−33.7	94.1	201.1	0.156	−0.272	0.084
0099−B30G	54	9.4	24.6	59.0	0.101	0.264	56.7	−81.6	−37.7	90.1	204.8	0.159	−0.279	0.086
0099−B25G	55	9.8	23.8	62.0	0.103	0.248	55.8	−74.8	−41.9	85.9	209.3	0.163	−0.288	0.09
0099−B20G	56	10.3	22.8	65.0	0.105	0.232	54.9	−66.7	−46.2	81.3	214.8	0.168	−0.296	0.095
0099−B15G	57	10.9	21.8	68.6	0.107	0.215	53.8	−58.0	−51.1	77.5	221.4	0.174	−0.306	0.101
0099−B10G	58	11.5	20.7	72.7	0.11	0.197	52.6	−48.1	−56.5	74.4	229.6	0.18	−0.317	0.109
0099−B05G	59	12.3	19.5	77.4	0.113	0.179	51.3	−36.8	−62.4	72.6	239.4	0.188	−0.33	0.12
0099−B00G	60	13.3	18.3	82.7	0.116	0.16	49.9	−24.1	−68.9	73.1	250.7	0.197	−0.345	0.133
0099−R95B	61	14.4	17.0	89.4	0.119	0.141	48.2	−10.0	−76.5	77.3	262.5	0.208	−0.363	0.15
0099−R90B	62	15.9	15.7	96.8	0.124	0.122	46.6	5.9	−84.4	84.7	274.0	0.22	−0.383	0.169
0099−R85B	63	17.8	14.6	102.9	0.132	0.108	45.1	23.0	−91.0	93.9	284.1	0.234	−0.401	0.188
0099−R80B	64	20.0	13.6	106.8	0.142	0.097	43.7	40.2	−95.8	104.0	292.7	0.249	−0.415	0.204
0099−R75B	65	22.2	12.7	107.0	0.156	0.09	42.3	56.5	−98.2	113.4	299.9	0.264	−0.425	0.216
0099−R70B	66	24.5	11.9	106.2	0.172	0.083	41.1	72.6	−99.9	123.6	306.0	0.279	−0.433	0.228
0099−R65B	67	27.4	11.2	105.7	0.19	0.077	39.9	89.6	−101.7	135.6	311.4	0.296	−0.442	0.242
0099−R60B	68	30.8	10.5	102.1	0.215	0.073	38.7	107.5	−101.4	147.9	316.7	0.314	−0.446	0.252
0099−R55B	69	33.7	9.9	91.8	0.249	0.073	37.6	122.8	−96.5	156.2	321.8	0.33	−0.44	0.253
0099−R50B	70	33.5	9.3	73.2	0.289	0.08	36.6	126.8	−84.6	152.4	326.3	0.336	−0.416	0.235
0099−R45B	71	30.2	8.8	52.3	0.33	0.097	35.7	118.6	−67.5	136.5	330.3	0.33	−0.378	0.2
0099−R40B	72	26.9	8.4	36.4	0.376	0.117	34.8	109.5	−51.1	120.9	334.9	0.323	−0.34	0.166
0099−R35B	73	24.2	8.0	24.5	0.427	0.141	34.0	101.6	−35.4	107.6	340.8	0.317	−0.303	0.135
0099−R30B	74	22.3	7.8	16.4	0.48	0.168	33.6	94.8	−20.9	97.1	347.5	0.311	−0.267	0.11
0099−R25B	75	21.6	8.0	11.5	0.526	0.193	33.9	90.4	−8.6	90.8	354.5	0.306	−0.236	0.094
0099−R20B	76	21.9	8.3	8.4	0.568	0.216	34.6	88.4	2.2	88.4	1.5	0.303	−0.209	0.088
0099−R15B	77	22.3	8.7	6.2	0.6	0.234	35.4	87.1	11.8	87.9	7.7	0.3	−0.186	0.09
0099−R10B	78	23.1	9.3	4.2	0.631	0.254	36.6	85.7	22.9	88.7	15.0	0.297	−0.16	0.099
0099−R05B	79	24.8	10.3	2.7	0.657	0.272	38.3	85.4	35.5	92.5	22.6	0.294	−0.133	0.114

Cod.	$[Y, A, B, C_{AB}, h_{AB}, a, b, c_{AB}]_{100}$								$[i_d, i_c, \lambda_d, \lambda_c]_{100}$			
0099−R00B	11.6	16.2	4.5	16.8	15.5	2.342	−0.047	1.446	46	17	631	487
0099−Y95R	13.2	17.2	5.6	18.1	18.0	2.253	−0.01	1.371	43	17	617	487
0099−Y90R	15.0	18.0	6.5	19.2	19.9	2.151	0.0	1.278	42	17	610	486
0099−Y85R	16.9	18.4	7.3	19.8	21.8	2.039	0.0	1.173	41	17	606	486
0099−Y80R	18.8	18.4	8.2	20.2	23.9	1.93	0.0	1.073	40	17	602	486
0099−Y75R	20.7	18.5	9.0	20.5	25.9	1.84	−0.001	0.99	39	17	599	485
0099−Y70R	22.7	18.4	9.9	20.9	28.2	1.762	0.0	0.922	39	17	597	485
0099−Y65R	24.7	18.3	10.7	21.2	30.4	1.69	0.0	0.859	39	16	595	484
0099−Y60R	26.7	17.9	11.6	21.3	33.0	1.619	0.0	0.799	38	16	592	484
0099−Y55R	28.9	17.2	12.5	21.3	36.0	1.547	0.0	0.739	38	16	590	483
0099−Y50R	31.2	16.5	13.5	21.4	39.3	1.48	0.0	0.685	37	16	588	483
0099−Y45R	33.9	15.9	14.7	21.7	42.8	1.419	0.0	0.64	37	16	586	482
0099−Y40R	37.0	15.3	16.1	22.2	46.4	1.363	0.0	0.6	37	16	585	482
0099−Y35R	40.7	14.6	17.7	22.9	50.4	1.309	0.0	0.564	36	16	583	481
0099−Y30R	44.8	13.8	19.5	23.8	54.7	1.257	0.0	0.532	36	16	581	480
0099−Y25R	49.3	12.6	21.4	24.8	59.6	1.204	0.0	0.503	36	15	580	479
0099−Y20R	54.8	11.0	23.8	26.2	65.3	1.15	0.0	0.478	35	15	578	478
0099−Y15R	61.6	8.8	26.7	28.1	71.7	1.093	0.0	0.457	35	15	576	477
0099−Y10R	68.0	6.1	29.5	30.1	78.3	1.039	−0.001	0.443	34	15	574	476
0099−Y05R	72.4	3.0	31.3	31.5	84.5	0.991	−0.002	0.434	34	14	572	474
0099−Y00R	74.5	0.0	32.1	32.1	89.9	0.95	−0.003	0.431	34	14	571	472
0099−G95Y	74.4	−2.5	32.0	32.1	94.6	0.915	−0.003	0.432	33	14	569	470
0099−G90Y	73.1	−4.6	31.5	31.8	98.6	0.885	−0.004	0.435	33	13	568	468
0099−G85Y	71.8	−6.4	30.9	31.5	101.9	0.859	−0.004	0.44	33	13	567	465
0099−G80Y	70.3	−7.8	30.3	31.3	104.7	0.836	−0.004	0.445	33	12	566	463
0099−G75Y	68.4	−9.0	29.5	30.9	107.2	0.816	−0.002	0.452	33	12	565	460
0099−G70Y	66.0	−10.0	28.5	30.2	109.4	0.797	−0.002	0.458	32	11	564	456
0099−G65Y	63.2	−10.7	27.3	29.3	111.6	0.778	−0.003	0.464	32	10	563	451
0099−G60Y	60.0	−11.3	25.8	28.3	113.8	0.759	−0.003	0.471	32	8	563	443
0099−G55Y	56.2	−11.8	24.3	27.0	116.2	0.737	−0.003	0.481	32	5	562	427
0099−G50Y	52.2	−12.3	22.5	25.7	118.9	0.711	−0.002	0.493	32	−1	560	560c
0099−G45Y	48.2	−12.9	20.8	24.5	121.9	0.681	−0.002	0.509	31	−1	559	559c
0099−G40Y	44.5	−13.5	19.2	23.6	125.4	0.643	−0.002	0.529	31	−1	557	557c
0099−G35Y	41.3	−14.5	17.8	23.0	129.2	0.596	−0.001	0.559	30	−1	554	554c
0099−G30Y	38.5	−15.6	16.6	22.8	133.3	0.543	−0.002	0.593	30	−1	551	551c
0099−G25Y	36.2	−16.8	15.5	22.9	137.5	0.482	−0.006	0.634	29	−1	547	547c
0099−G20Y	34.3	−18.6	14.7	23.8	141.8	0.405	−0.006	0.693	28	−1	542	542c
0099−G15Y	32.8	−21.0	14.0	25.3	146.4	0.306	−0.006	0.773	27	−1	535	535c
0099−G10Y	31.5	−23.1	12.8	26.5	151.0	0.212	−0.026	0.842	25	−1	525	525c
0099−G05Y	30.4	−24.2	10.8	26.6	155.9	0.152	−0.078	0.873	22	−1	514	514c
0099−G00Y	29.5	−24.2	8.2	25.6	161.4	0.126	−0.157	0.869	21	−1	505	505c
0099−B95G	28.8	−23.5	5.1	24.1	167.7	0.13	−0.255	0.839	19	−1	499	499c
0099−B90G	28.2	−22.1	2.5	22.3	173.7	0.163	−0.347	0.792	19	−1	495	495c
0099−B85G	27.9	−21.1	0.7	21.2	178.0	0.188	−0.408	0.762	18	−1	493	493c
0099−B80G	27.7	−20.8	−0.4	20.9	181.3	0.195	−0.451	0.754	18	−1	491	491c
0099−B75G	27.6	−20.4	−1.5	20.6	184.5	0.206	−0.492	0.745	18	−1	490	490c
0099−B70G	27.5	−19.8	−2.6	20.1	187.8	0.225	−0.533	0.731	17	−1	489	489c
0099−B65G	27.5	−19.3	−3.8	19.8	191.2	0.241	−0.575	0.722	17	−1	488	488c
0099−B60G	27.4	−18.8	−4.9	19.6	194.9	0.259	−0.617	0.714	17	47	488	637
0099−B55G	27.3	−18.3	−6.1	19.4	198.8	0.276	−0.663	0.711	17	42	487	614
0099−B50G	27.0	−17.6	−7.4	19.2	202.9	0.294	−0.711	0.711	17	40	486	604
0099−B45G	26.6	−16.8	−8.6	19.0	207.4	0.315	−0.763	0.715	17	39	485	598
0099−B40G	26.0	−15.8	−9.9	18.8	212.1	0.337	−0.819	0.724	16	38	484	593
0099−B35G	25.4	−14.9	−11.3	18.8	217.3	0.358	−0.884	0.743	16	37	483	589
0099−B30G	24.6	−13.8	−12.8	19.0	222.8	0.383	−0.958	0.772	16	37	482	586
0099−B25G	23.8	−12.6	−14.4	19.3	228.7	0.413	−1.044	0.812	16	36	481	584
0099−B20G	22.8	−11.2	−16.0	19.7	234.9	0.453	−1.14	0.863	16	36	480	581
0099−B15G	21.8	−9.7	−17.9	20.5	241.4	0.499	−1.259	0.941	15	35	479	579
0099−B10G	20.7	−8.0	−20.0	21.7	248.0	0.557	−1.404	1.047	15	35	478	577
0099−B05G	19.5	−6.1	−22.4	23.3	254.5	0.631	−1.583	1.192	15	35	476	575
0099−B00G	18.3	−4.0	−25.0	25.4	260.8	0.727	−1.806	1.39	15	34	475	573
0099−R95B	17.0	−1.6	−28.3	28.4	266.6	0.849	−2.105	1.674	14	34	473	572
0099−R90B	15.7	1.0	−31.8	31.9	271.8	1.013	−2.465	2.032	14	34	471	570
0099−R85B	14.6	3.9	−34.7	35.0	276.5	1.22	−2.822	2.404	13	33	469	569
0099−R80B	13.6	7.0	−36.7	37.5	280.8	1.468	−3.139	2.754	13	33	466	567
0099−R75B	12.7	10.1	−37.2	38.6	285.2	1.744	−3.365	3.037	12	33	462	566
0099−R70B	11.9	13.2	−37.2	39.6	289.6	2.062	−3.567	3.325	11	32	456	564
0099−R65B	11.2	16.8	−37.3	41.0	294.2	2.453	−3.785	3.673	8	32	441	562
0099−R60B	10.5	20.8	−36.2	41.8	299.8	2.929	−3.889	3.982	−1	32	560c	560
0099−R55B	9.9	24.3	−32.3	40.5	306.8	3.409	−3.72	4.105	−1	31	556c	556
0099−R50B	9.3	24.7	−25.1	35.3	314.3	3.601	−3.147	3.794	−1	30	550c	550
0099−R45B	8.8	21.8	−17.0	27.7	321.9	3.417	−2.368	3.135	−1	28	542c	542
0099−R40B	8.4	19.0	−10.8	21.9	330.1	3.206	−1.731	2.603	−1	25	527c	527
0099−R35B	8.0	16.6	−6.2	17.8	339.2	3.026	−1.223	2.222	−1	21	508c	508
0099−R30B	7.8	14.9	−3.1	15.2	348.0	2.856	−0.839	1.95	−1	19	498c	498
0099−R25B	8.0	14.1	−1.1	14.1	355.3	2.722	−0.58	1.779	−1	18	494c	494
0099−R20B	8.3	14.0	0.3	14.0	1.1	2.634	−0.401	1.685	−1	18	491c	491
0099−R15B	8.7	14.1	1.3	14.1	5.3	2.568	−0.283	1.625	−1	18	490c	490
0099−R10B	9.3	14.3	2.4	14.5	9.4	2.486	−0.181	1.557	−1	17	489c	489
0099−R05B	10.3	15.0	3.4	15.4	12.7	2.414	−0.103	1.501	−1	17	488c	488

Cod.	$[X, Y, Z]_{89}$			$[L^*, a^*, b^*, C^*_{ab}, h_{ab}]_{89}$					$[Y, A, B, C_{AB}, h_{AB}]_{89}$				
0099−R00B	24.1	10.3	1.2	38.3	82.3	48.8	95.6	30.7	10.3	14.3	4.0	14.9	15.5
0099−Y95R	26.4	11.7	0.3	40.7	81.6	65.8	104.9	38.9	11.7	15.3	5.0	16.0	18.0
0099−Y90R	28.6	13.3	0.0	43.2	79.9	74.5	109.3	43.0	13.3	16.0	5.8	17.0	19.9
0099−Y85R	30.5	15.0	0.0	45.6	77.0	78.6	110.0	45.6	15.0	16.3	6.5	17.5	21.8
0099−Y80R	32.1	16.7	0.0	47.8	73.4	82.2	110.2	48.2	16.7	16.3	7.2	17.9	23.9
0099−Y75R	33.8	18.4	0.1	49.9	70.1	85.0	110.2	50.5	18.4	16.4	8.0	18.2	25.9
0099−Y70R	35.4	20.1	0.0	52.0	67.1	89.6	111.9	53.2	20.1	16.3	8.7	18.5	28.2
0099−Y65R	36.9	21.9	0.0	53.9	63.9	92.9	112.7	55.5	21.9	16.2	9.5	18.8	30.4
0099−Y60R	38.3	23.7	0.0	55.7	60.2	96.1	113.4	57.9	23.7	15.8	10.3	18.9	33.0
0099−Y55R	39.5	25.6	0.0	57.6	56.1	98.7	113.5	60.4	25.6	15.3	11.1	18.9	36.0
0099−Y50R	40.9	27.6	0.1	59.6	51.9	101.8	114.3	63.0	27.6	14.7	12.0	18.9	39.3
0099−Y45R	42.6	30.0	0.1	61.7	48.0	105.4	115.8	65.5	30.0	14.1	13.0	19.2	42.8
0099−Y40R	44.7	32.8	0.0	64.0	44.2	109.7	118.2	68.1	32.8	13.6	14.2	19.7	46.4
0099−Y35R	47.2	36.0	0.1	66.6	40.2	113.6	120.5	70.5	36.0	13.0	15.7	20.3	50.4
0099−Y30R	49.9	39.7	0.1	69.2	36.0	118.4	123.7	73.1	39.7	12.2	17.2	21.1	54.7
0099−Y25R	52.6	43.7	0.1	72.0	31.3	122.6	126.6	75.7	43.7	11.1	19.0	22.0	59.6
0099−Y20R	55.8	48.5	0.1	75.2	25.9	128.6	131.2	78.6	48.5	9.7	21.1	23.2	65.3
0099−Y15R	59.6	54.5	0.2	78.8	19.6	133.7	135.1	81.6	54.5	7.8	23.7	24.9	71.7
0099−Y10R	62.6	60.2	0.3	82.0	12.9	137.4	138.0	84.6	60.2	5.4	26.1	26.7	78.3
0099−Y05R	63.6	64.2	0.4	84.1	6.3	138.6	138.7	87.4	64.2	2.7	27.7	27.9	84.5
0099−Y00R	62.7	66.0	0.6	85.0	0.1	137.7	137.7	90.0	66.0	0.0	28.5	28.5	89.9
0099−G95Y	60.3	65.9	0.7	84.9	−5.3	135.9	136.0	92.3	65.9	−2.2	28.4	28.5	94.6
0099−G90Y	57.3	64.8	0.7	84.4	−10.0	134.8	135.2	94.3	64.8	−4.1	27.9	28.2	98.6
0099−G85Y	54.6	63.6	0.8	83.8	−14.0	132.9	133.6	96.1	63.6	−5.7	27.3	27.9	101.9
0099−G80Y	52.1	62.3	0.7	83.1	−17.6	132.7	133.9	97.6	62.3	−6.9	26.8	27.7	104.7
0099−G75Y	49.4	60.6	0.5	82.1	−20.7	134.1	135.8	98.8	60.6	−8.0	26.1	27.4	107.2
0099−G70Y	46.6	58.5	0.5	81.0	−23.6	132.4	134.5	100.1	58.5	−8.8	25.2	26.8	109.4
0099−G65Y	43.6	56.0	0.5	79.6	−26.3	129.9	132.6	101.5	56.0	−9.5	24.2	26.0	111.6
0099−G60Y	40.3	53.2	0.6	78.0	−29.0	126.2	129.5	103.0	53.2	−10.0	22.9	25.0	113.8
0099−G55Y	36.7	49.8	0.5	76.0	−32.0	124.4	128.4	104.5	49.8	−10.5	21.5	24.0	116.2
0099−G50Y	32.9	46.2	0.4	73.7	−35.4	121.7	126.8	106.2	46.2	−10.9	20.0	22.8	118.9
0099−G45Y	29.1	42.7	0.4	71.4	−39.4	117.8	124.3	108.5	42.7	−11.4	18.4	21.7	121.9
0099−G40Y	25.4	39.4	0.3	69.1	−44.5	114.4	122.8	111.3	39.4	−12.0	17.0	20.9	125.4
0099−G35Y	21.8	36.6	0.2	66.9	−51.3	112.2	123.4	114.6	36.6	−12.8	15.8	20.4	129.2
0099−G30Y	18.5	34.1	0.3	65.0	−59.3	108.1	123.4	118.8	34.1	−13.8	14.7	20.2	133.3
0099−G25Y	15.5	32.1	0.5	63.4	−69.1	101.4	122.8	124.3	32.1	−14.9	13.7	20.3	137.5
0099−G20Y	12.3	30.4	0.5	62.0	−83.0	99.1	129.4	130.0	30.4	−16.4	13.0	21.0	141.8
0099−G15Y	8.9	29.0	0.5	60.8	−104.0	97.5	142.6	136.9	29.0	−18.6	12.4	22.4	146.4
0099−G10Y	5.9	27.9	1.9	59.8	−128.3	78.8	150.6	148.5	27.9	−20.5	11.4	23.5	151.0
0099−G05Y	4.1	26.9	5.3	58.9	−147.4	56.1	157.8	159.2	26.9	−21.4	9.6	23.5	155.9
0099−G00Y	3.3	26.1	10.3	58.2	−156.6	36.6	160.9	166.8	26.1	−21.4	7.2	22.7	161.4
0099−B95G	3.3	25.5	16.3	57.5	−153.6	20.5	155.0	172.4	25.5	−20.8	4.5	21.4	167.7
0099−B90G	4.1	25.0	21.7	57.1	−139.9	9.0	140.3	176.3	25.0	−19.6	2.2	19.8	173.7
0099−B85G	4.6	24.7	25.3	56.8	−130.8	2.6	130.9	178.9	24.7	−18.7	0.6	18.8	178.0
0099−B80G	4.8	24.5	27.7	56.6	−128.1	−1.5	128.3	180.7	24.5	−18.4	−0.3	18.5	181.3
0099−B75G	5.0	24.4	30.1	56.5	−124.6	−5.3	124.8	182.5	24.4	−18.1	−1.3	18.2	184.5
0099−B70G	5.5	24.4	32.5	56.4	−118.8	−8.7	119.2	184.3	24.4	−17.5	−2.3	17.8	187.8
0099−B65G	5.9	24.3	35.0	56.4	−114.3	−12.1	115.0	186.1	24.3	−17.1	−3.3	17.6	191.2
0099−B60G	6.3	24.3	37.5	56.4	−109.5	−15.4	110.7	188.1	24.3	−16.7	−4.4	17.3	194.9
0099−B55G	6.7	24.2	40.1	56.2	−105.0	−18.7	106.8	190.2	24.2	−16.2	−5.4	17.2	198.8
0099−B50G	7.0	23.9	42.6	56.0	−100.2	−22.1	102.7	192.5	23.9	−15.6	−6.5	17.0	202.9
0099−B45G	7.4	23.5	45.0	55.6	−95.0	−25.4	98.4	195.0	23.5	−14.8	−7.6	16.8	207.4
0099−B40G	7.8	23.0	47.2	55.1	−89.5	−28.8	94.1	197.9	23.0	−14.0	−8.8	16.7	212.1
0099−B35G	8.0	22.5	49.7	54.5	−84.2	−32.4	90.4	201.1	22.5	−13.2	−10.0	16.7	217.3
0099−B30G	8.4	21.8	52.3	53.8	−78.4	−36.2	86.5	204.8	21.8	−12.2	−11.3	16.8	222.8
0099−B25G	8.7	21.0	55.0	53.0	−71.9	−40.2	82.5	209.3	21.0	−11.2	−12.7	17.1	228.7
0099−B20G	9.2	20.2	57.6	52.1	−64.0	−44.4	78.0	214.8	20.2	−9.9	−14.2	17.4	234.9
0099−B15G	9.6	19.3	60.8	51.0	−55.7	−49.1	74.4	221.4	19.3	−8.6	−15.8	18.1	241.4
0099−B10G	10.2	18.3	64.4	49.9	−46.2	−54.2	71.4	229.6	18.3	−7.1	−17.7	19.2	248.0
0099−B05G	10.9	17.3	68.6	48.6	−35.4	−59.9	69.7	239.4	17.3	−5.4	−19.8	20.6	254.5
0099−B00G	11.8	16.2	73.2	47.3	−23.1	−66.2	70.2	250.7	16.2	−3.5	−22.1	22.5	260.8
0099−R95B	12.8	15.0	79.2	45.7	−9.6	−73.5	74.2	262.5	15.0	−1.4	−25.0	25.2	266.6
0099−R90B	14.1	13.9	85.7	44.1	5.7	−81.0	81.3	274.0	13.9	0.9	−28.1	28.3	271.8
0099−R85B	15.8	12.9	91.2	42.6	22.0	−87.4	90.2	284.1	12.9	3.5	−30.7	31.0	276.5
0099−R80B	17.7	12.0	94.6	41.3	38.6	−92.0	99.9	292.7	12.0	6.2	−32.5	33.2	280.8
0099−R75B	19.6	11.3	94.8	40.0	54.3	−94.3	108.9	299.9	11.3	9.0	−32.9	34.2	285.2
0099−R70B	21.7	10.5	94.0	38.8	69.7	−96.0	118.7	306.0	10.5	11.7	−32.9	35.1	289.6
0099−R65B	24.3	9.9	93.7	37.7	86.1	−97.7	130.3	311.4	9.9	14.9	−33.1	36.3	294.2
0099−R60B	27.3	9.3	90.5	36.6	103.3	−97.4	142.0	316.7	9.3	18.4	−32.0	37.0	299.8
0099−R55B	29.8	8.7	81.3	35.5	117.9	−92.7	150.0	321.8	8.7	21.5	−28.6	35.9	306.8
0099−R50B	29.7	8.2	64.8	34.5	121.7	−81.2	146.4	326.3	8.2	21.8	−22.3	31.3	314.3
0099−R45B	26.7	7.8	46.3	33.6	113.9	−64.9	131.1	330.3	7.8	19.3	−15.0	24.5	321.9
0099−R40B	23.9	7.4	32.2	32.8	105.2	−49.1	116.2	334.9	7.4	16.8	−9.6	19.4	330.1
0099−R35B	21.4	7.1	21.7	32.0	97.6	−34.0	103.4	340.8	7.1	14.7	−5.5	15.7	339.2
0099−R30B	19.7	6.9	14.5	31.6	91.0	−20.0	93.2	347.5	6.9	13.2	−2.7	13.5	348.0
0099−R25B	19.2	7.0	10.2	31.9	86.9	−8.2	87.3	354.5	7.0	12.5	−0.9	12.5	355.3
0099−R20B	19.4	7.4	7.4	32.6	84.9	2.1	84.9	1.5	7.4	12.4	0.2	12.4	1.1
0099−R15B	19.8	7.7	5.5	33.4	83.7	11.3	84.4	7.7	7.7	12.5	1.2	12.5	5.3
0099−R10B	20.5	8.2	3.7	34.5	82.3	22.0	85.2	15.0	8.2	12.7	2.1	12.8	9.4
0099−R05B	22.0	9.1	2.4	36.2	82.0	34.1	88.9	22.6	9.1	13.3	3.0	13.7	12.7

TS030−7N $Yn = Yw = 100$

TUB material: code=rha4ta

gráfico TUB-TS03; ; CIE data: hue circle and greys
Calculated from *XYZ* of NCS-Standard SS019104:1998

entrada: *w/rgb/cmyk* −> *w/rgb/cmyk*−
salida: ningún cambio

Cod.	i	$[X, Y, Z, x, y]_{100}$					$[L^*, a^*, b^*, C^*_{ab}, h_{ab}, a', b', c'_{ab}]_{100}$								$[Y, A, B, C_{AB}, h_{AB}, a, b, c_{AB}]_{100}$								$[i_d, i_c, \lambda_d, \lambda_c]_{100}$				$[X, Y, Z]_{89}$			$[L^*, a^*, b^*, C^*_{ab}, h_{ab}]_{89}$					$[Y, A, B, C_{AB}, h_{AB}]_{89}$				
9900−W99N	80	0.7	0.8	0.9	0.312	0.329	7.0	0.0	0.0	0.0	227.8	0.215	−0.215	0.01	0.8	0.0	0.0	0.0	229.9	0.949	−0.435	0.01	16	36	481	583	0.7	0.7	0.8	6.2	0.0	0.0	0.0	227.8	0.7	0.0	0.0	0.0	229.7
9500−W95N	81	2.4	2.5	2.8	0.312	0.329	18.1	0.0	0.0	0.0	164.0	0.215	−0.214	0.01	2.5	0.0	0.0	0.0	160.6	0.949	−0.434	0.01	20	−1	504	504c	2.1	2.2	2.4	16.7	0.0	0.0	0.0	164.0	2.2	0.0	0.0	0.0	160.5
9000−W90N	82	4.2	4.4	4.8	0.313	0.329	25.0	0.0	0.0	0.0	329.0	0.215	−0.215	0.01	4.4	0.0	0.0	0.0	326.1	0.95	−0.434	0.01	−1	27	537c	537	3.7	3.9	4.2	23.3	0.0	0.0	0.0	329.0	3.9	0.0	0.0	0.0	326.2
8500−W85N	83	6.1	6.4	7.0	0.313	0.329	30.4	0.0	0.0	0.1	325.8	0.215	−0.215	0.01	6.4	0.0	0.0	0.0	322.4	0.95	−0.435	0.01	−1	28	542c	542	5.4	5.7	6.2	28.6	0.0	0.0	0.1	325.8	5.7	0.0	0.0	0.0	322.5
8000−W80N	84	8.1	8.6	9.3	0.313	0.329	35.1	0.0	0.0	0.0	318.5	0.215	−0.215	0.01	8.6	0.0	0.0	0.0	314.9	0.95	−0.434	0.01	−1	30	550c	550	7.2	7.6	8.3	33.1	0.0	0.0	0.0	318.5	7.6	0.0	0.0	0.0	315.0
7500−W75N	85	10.4	10.9	11.9	0.313	0.329	39.4	0.1	0.0	0.1	351.1	0.216	−0.214	0.01	10.9	0.0	0.0	0.0	350.1	0.95	−0.434	0.01	−1	19	497c	497	9.2	9.7	10.5	37.2	0.1	0.0	0.1	351.1	9.7	0.0	0.0	0.0	350.1
7000−W70N	86	12.8	13.4	14.6	0.313	0.329	43.4	0.1	0.0	0.1	331.0	0.215	−0.215	0.01	13.4	0.0	0.0	0.0	327.7	0.95	−0.434	0.01	−1	26	533c	533	11.3	11.9	12.9	41.0	0.1	0.0	0.1	331.0	11.9	0.0	0.0	0.0	327.8
6500−W65N	87	15.4	16.1	17.6	0.313	0.329	47.2	0.1	0.0	0.1	342.8	0.216	−0.215	0.01	16.1	0.0	0.0	0.0	340.6	0.95	−0.434	0.01	−1	21	506c	506	13.6	14.3	15.6	44.7	0.1	0.0	0.1	342.8	14.3	0.0	0.0	0.0	340.6
6000−W60N	88	18.2	19.1	20.8	0.313	0.329	50.8	0.1	0.0	0.1	334.8	0.216	−0.215	0.01	19.1	0.0	0.0	0.0	331.8	0.95	−0.435	0.01	−1	24	523c	523	16.1	16.9	18.5	48.2	0.1	0.0	0.1	334.8	16.9	0.0	0.0	0.0	331.8
5500−W55N	89	21.3	22.4	24.4	0.313	0.329	54.4	0.1	0.0	0.1	344.2	0.216	−0.214	0.01	22.4	0.0	0.0	0.0	342.1	0.95	−0.434	0.01	−1	20	504c	504	18.9	19.8	21.6	51.7	0.1	0.0	0.1	344.2	19.8	0.0	0.0	0.0	342.1
5000−W50N	90	24.7	26.0	28.3	0.313	0.329	58.0	0.1	0.0	0.2	339.5	0.216	−0.215	0.01	26.0	0.0	0.0	0.0	336.9	0.951	−0.435	0.01	−1	22	512c	512	21.9	23.0	25.0	55.1	0.1	0.0	0.1	339.5	23.0	0.0	0.0	0.0	336.9
4500−W45N	91	28.4	29.9	32.6	0.313	0.329	61.6	0.1	0.0	0.1	337.4	0.216	−0.215	0.01	29.9	0.0	0.0	0.0	334.6	0.951	−0.435	0.01	−1	23	517c	517	25.2	26.5	28.9	58.5	0.1	0.0	0.1	337.4	26.5	0.0	0.0	0.0	334.6
4000−W40N	92	32.6	34.3	37.3	0.313	0.329	65.2	0.1	0.0	0.1	340.2	0.216	−0.215	0.01	34.3	0.0	0.0	0.0	337.6	0.95	−0.434	0.01	−1	22	511c	511	28.9	30.4	33.1	62.0	0.1	0.0	0.1	340.2	30.4	0.0	0.0	0.0	337.6
3500−W35N	93	37.2	39.2	42.7	0.313	0.329	68.9	0.1	0.0	0.1	338.0	0.216	−0.215	0.01	39.2	0.0	0.0	0.0	335.2	0.95	−0.435	0.01	−1	23	515c	515	33.0	34.7	37.8	65.5	0.1	0.0	0.1	338.0	34.7	0.0	0.0	0.0	335.2
3000−W30N	94	42.4	44.7	48.6	0.313	0.329	72.7	0.1	0.0	0.2	341.0	0.216	−0.215	0.01	44.7	0.0	0.0	0.1	338.5	0.951	−0.434	0.01	−1	21	509c	509	37.6	39.6	43.1	69.2	0.1	0.0	0.2	341.0	39.6	0.0	0.0	0.0	338.5
2500−W25N	95	48.3	50.8	55.4	0.313	0.329	76.6	0.1	0.0	0.2	336.2	0.216	−0.215	0.01	50.8	0.1	0.0	0.1	333.2	0.95	−0.435	0.01	−1	24	520c	520	42.8	45.0	49.0	72.9	0.1	0.0	0.2	336.2	45.0	0.0	0.0	0.1	333.2
2000−W20N	96	55.0	57.9	63.1	0.313	0.329	80.7	0.2	0.0	0.2	338.8	0.216	−0.215	0.01	57.9	0.1	0.0	0.1	336.0	0.95	−0.435	0.01	−1	22	514c	514	48.8	51.3	55.9	76.9	0.1	0.0	0.2	338.8	51.3	0.1	0.0	0.1	336.0
1500−W15N	97	62.8	66.0	71.9	0.313	0.329	85.0	0.2	0.0	0.2	339.6	0.216	−0.215	0.01	66.0	0.1	0.0	0.1	336.9	0.95	−0.434	0.01	−1	22	512c	512	55.6	58.5	63.7	81.0	0.2	0.0	0.2	339.6	58.5	0.1	0.0	0.1	337.0
1000−W10N	98	71.7	75.5	82.2	0.313	0.329	89.6	0.2	0.0	0.2	338.8	0.216	−0.215	0.01	75.5	0.1	0.0	0.1	336.1	0.95	−0.435	0.01	−1	22	513c	513	63.6	66.9	72.8	85.4	0.2	0.0	0.2	338.8	66.9	0.1	0.0	0.1	336.1
0500−W05N	99	82.3	86.6	94.3	0.313	0.329	94.6	0.2	0.0	0.2	338.5	0.216	−0.215	0.01	86.6	0.1	0.0	0.1	335.7	0.95	−0.435	0.01	−1	22	514c	514	72.9	76.7	83.5	90.2	0.2	0.0	0.2	338.5	76.7	0.1	0.0	0.1	335.7
0000−W00N	100	94.9	99.9	108.8	0.313	0.329	100.0	0.2	0.0	0.2	338.2	0.216	−0.215	0.01	99.9	0.1	0.0	0.1	335.4	0.95	−0.435	0.01	−1	23	515c	515	84.1	88.5	96.4	95.4	0.2	0.0	0.2	338.2	88.5	0.1	0.0	0.1	335.4

TS030−7 *Yn* = *Yw* = 100