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 N: no 3D-linearization (OL) in file (F) or PLS-startup (S)

TL500 Reflection colorimetry, System WCGA, L*ABJND-L*ABC_h, Y_{Nn} = 0.0, L*_{Nn} = 0.0, Y_{Wa} = 88.6

Colour r	g	b	X	Y	Z	x	y
R _a	1.0	0.0	55.29(=55.29+0.0)	37.06(=37.0+0.0)	0.68(=0.68+0.0)	0.5947	0.3979
Y _a	1.0	1.0	67.94(=67.94+0.0)	72.65(=72.65+0.0)	1.14(=1.14+0.0)	0.4794	0.5126
G _a	0.0	1.0	21.12(=21.12+0.0)	57.88(=57.88+0.0)	13.33(=13.3+0.0)	0.2288	0.6271
C _a	0.0	1.0	28.92(=28.92+0.0)	51.61(=51.6+0.0)	95.79(=95.79+0.0)	0.164	0.2927
B _a	0.0	1.0	16.28(=16.28+0.0)	15.95(=15.95+0.0)	95.34(=95.34+0.0)	0.1276	0.125
M _a	1.0	0.0	63.09(=63.09+0.0)	30.72(=30.72+0.0)	83.18(=83.18+0.0)	0.3564	0.1736
N _{0a}	0.0	0.0	0.02(=0.02-0.0)	0.02(=0.02-0.0)	0.02(=0.02-0.0)	0.3327	0.3327
W _{0a}	1.0	1.0	84.21(=84.21+0.0)	88.6(=88.6+0.0)	96.49(=96.49+0.0)	0.3127	0.329
N1 _a	0.0	0.0	0.02(=0.02-0.0)	0.02(=0.02-0.0)	0.02(=0.02-0.0)	0.3327	0.3327
W1 _a	1.13	1.13	95.06(=95.06+0.0)	100.01(=100.01+0.0)	108.3(=108.3+0.0)	0.3133	0.3297
Z1 _a	0.18	0.18	17.12(=17.12+0.0)	18.0(=18.0+0.0)	19.5(=19.5+0.0)	0.3134	0.3296

TL506 Reflection colorimetry, System WCGA, L*ABJND-L*ABC_h, Y_{Nn} = 0.63, L*_{Nn} = 5.69, Y_{Wa} = 88.6

Colour r	g	b	X	Y	Z	x	y
R _a	1.0	0.0	55.49(=54.89+0.6)	37.36(=36.73+0.63)	1.36(=0.67+0.69)	0.589	0.3965
Y _a	1.0	1.0	68.05(=67.46+0.6)	72.72(=72.14+0.63)	1.81(=1.12+0.69)	0.4771	0.5102
G _a	0.0	1.0	21.56(=20.96+0.6)	58.09(=57.46+0.63)	13.88(=13.2+0.69)	0.2305	0.621
C _a	0.0	1.0	29.3(=28.71+0.6)	51.86(=51.23+0.63)	95.8(=95.11+0.69)	0.1656	0.2931
B _a	0.0	1.0	16.75(=16.15+0.6)	16.46(=15.83+0.63)	95.35(=94.66+0.69)	0.1303	0.128
M _a	1.0	0.0	63.23(=62.63+0.6)	31.13(=30.5+0.63)	83.27(=82.59+0.69)	0.356	0.1752
N _{0a}	0.0	0.0	0.61(=0.01+0.6)	0.64(=0.01+0.63)	0.7(=0.01+0.69)	0.3128	0.3282
W _{0a}	1.0	1.0	84.21(=83.62+0.6)	88.6(=87.97+0.63)	96.49(=95.8+0.69)	0.3127	0.329
N1 _a	0.0	0.0	0.61(=0.01+0.6)	0.64(=0.01+0.63)	0.7(=0.01+0.69)	0.3128	0.3282
W1 _a	1.13	1.13	94.98(=94.38+0.6)	99.93(=99.33+0.63)	108.22(=107.53+0.69)	0.3133	0.3297
Z1 _a	0.18	0.18	17.59(=16.99+0.6)	18.5(=17.87+0.63)	20.04(=19.36+0.69)	0.3133	0.3296

TL511 Reflection colorimetry, System WCGA, L*ABJND-L*ABC_h, Y_{Nn} = 1.26, L*_{Nn} = 11.0, Y_{Wa} = 88.6

Colour r	g	b	X	Y	Z	x	y
R _a	1.0	0.0	55.7(=54.5+1.2)	37.72(=36.46+1.26)	2.03(=0.66+1.37)	0.5835	0.3952
Y _a	1.0	1.0	68.17(=66.97+1.2)	72.88(=71.62+1.26)	2.48(=1.11+1.37)	0.475	0.5078
G _a	0.0	1.0	22.01(=20.82+1.2)	58.31(=57.05+1.26)	14.47(=13.1+1.37)	0.2322	0.6151
C _a	0.0	1.0	29.7(=28.5+1.2)	52.13(=50.87+1.26)	95.8(=94.43+1.37)	0.1672	0.2935
B _a	0.0	1.0	17.24(=16.04+1.2)	16.97(=15.71+1.26)	95.36(=93.99+1.37)	0.1355	0.131
M _a	1.0	0.0	63.38(=62.19+1.2)	31.54(=30.28+1.26)	83.37(=81.99+1.37)	0.353	0.1769
N _{0a}	0.0	0.0	1.21(=0.01+1.2)	1.27(=0.01+1.26)	1.38(=0.01+1.37)	0.3134	0.329
W _{0a}	1.0	1.0	84.21(=83.02+1.2)	88.6(=87.34+1.26)	96.49(=95.11+1.37)	0.3127	0.329
N1 _a	0.0	0.0	1.21(=0.01+1.2)	1.27(=0.01+1.26)	1.38(=0.01+1.37)	0.3134	0.329
W1 _a	1.13	1.13	94.9(=93.71+1.2)	99.85(=98.59+1.26)	108.16(=106.76+1.37)	0.3133	0.3297
Z1 _a	0.18	0.18	18.06(=16.87+1.2)	19.0(=17.74+1.26)	20.59(=19.21+1.37)	0.3134	0.3296

TL518 Reflection colorimetry, System WCGA, L*ABJND-L*ABC_h, Y_{Nn} = 2.52, L*_{Nn} = 18.01, Y_{Wa} = 88.6

Colour r	g	b	X	Y	Z	x	y
R _a	1.0	0.0	56.11(=53.72+2.4)	38.46(=35.94+2.52)	3.39(=0.65+2.74)	0.5728	0.3926
Y _a	1.0	1.0	68.4(=66.01+2.4)	73.11(=70.59+2.52)	3.83(=1.09+2.74)	0.4706	0.503
G _a	0.0	1.0	22.91(=20.52+2.4)	58.75(=56.23+2.52)	15.65(=12.91+2.74)	0.2354	0.6037
C _a	0.0	1.0	30.49(=28.09+2.4)	52.65(=50.13+2.52)	95.81(=93.07+2.74)	0.1704	0.2945
B _a	0.0	1.0	18.2(=15.81+2.4)	18.01(=15.49+2.52)	95.37(=92.63+2.74)	0.1383	0.1368
M _a	1.0	0.0	63.69(=61.29+2.4)	32.36(=29.84+2.52)	83.56(=80.81+2.74)	0.3546	0.1802
N _{0a}	0.0	0.0	2.41(=0.01+2.4)	2.53(=0.01+2.52)	2.75(=0.01+2.74)	0.3134	0.329
W _{0a}	1.0	1.0	84.21(=81.82+2.4)	88.6(=86.08+2.52)	96.49(=93.74+2.74)	0.3127	0.329
N1 _a	0.0	0.0	2.41(=0.01+2.4)	2.53(=0.01+2.52)	2.75(=0.01+2.74)	0.3134	0.329
W1 _a	1.13	1.13	94.75(=92.35+2.4)	99.69(=97.17+2.52)	107.97(=105.23+2.74)	0.3133	0.3296
Z1 _a	0.18	0.18	19.02(=16.63+2.4)	20.0(=17.48+2.52)	21.68(=18.93+2.74)	0.3133	0.3295

TL527 Reflection colorimetry, System WCGA, L*ABJND-L*ABC_h, Y_{Nn} = 5.04, L*_{Nn} = 26.85, Y_{Wa} = 88.6

Colour r	g	b	X	Y	Z	x	y
R _a	1.0	0.0	56.93(=52.14+4.79)	39.93(=34.89+5.04)	6.13(=0.64+5.49)	0.5528	0.3877
Y _a	1.0	1.0	68.86(=64.07+4.79)	73.56(=68.25+5.04)	8.05(=1.06+5.49)	0.4623	0.4938
G _a	0.0	1.0	24.7(=19.91+4.79)	59.62(=54.58+5.04)	18.22(=12.54+5.49)	0.2144	0.5825
C _a	0.0	1.0	32.06(=27.27+4.79)	53.71(=48.67+5.04)	95.83(=90.35+5.49)	0.165	0.2953
B _a	0.0	1.0	20.13(=15.34+4.79)	20.07(=15.03+5.04)	95.41(=89.92+5.49)	0.1485	0.148
M _a	1.0	0.0	64.29(=59.54+4.79)	34.01(=28.97+5.04)	83.93(=78.45+5.49)	0.3528	0.1866
N _{0a}	0.0	0.0	4.8(=0.01+4.79)	5.05(=0.01+5.04)	5.5(=0.01+5.49)	0.3127	0.329
W _{0a}	1.0	1.0	84.21(=79.42+4.79)	88.6(=83.56+5.04)	96.49(=91.01+5.49)	0.3127	0.329
N1 _a	0.0	0.0	4.8(=0.01+4.79)	5.05(=0.01+5.04)	5.5(=0.01+5.49)	0.3127	0.329
W1 _a	1.13	1.13	94.4(=89.65+4.79)	99.36(=94.32+5.04)	107.63(=102.14+5.49)	0.3133	0.3296
Z1 _a	0.18	0.18	20.93(=16.14+4.79)	22.01(=16.97+5.04)	23.87(=18.39+5.49)	0.3132	0.3295

TL538 Reflection colorimetry, System WCGA, L*ABJND-L*ABC_h, Y_{Nn} = 10.08, L*_{Nn} = 37.99, Y_{Wa} = 88.6

Colour r	g	b	X	Y	Z	x	y
R _a	1.0	0.0	58.23(=48.65+9.58)	42.86(=32.78+10.08)	11.58(=6.16+10.98)	0.546	0.3874
Y _a	1.0	1.0	69.0(=60.62+9.58)	74.47(=64.39+10.08)	11.98(=10.16+10.98)	0.468	0.4772
G _a	0.0	1.0	27.54(=17.96+9.58)	61.37(=51.29+10.08)	22.76(=11.78+10.98)	0.2466	0.5496
C _a	0.0	1.0	34.54(=24.96+9.58)	55.81(=45.73+10.08)	95.87(=84.94+10.98)	0.185	0.2997
B _a	0.0	1.0	23.19(=13.61+9.58)	24.21(=14.13+10.08)	94.57(=84.5+10.98)	0.1623	0.1694
M _a	1.0	0.0	65.24(=55.66+9.58)	37.3(=27.22+10.08)	85.49(=73.72+10.98)	0.3484	0.1992
N _{0a}	0.0	0.0	8.59(=0.98+9.58)	10.09(=0.01+10.08)	10.99(=0.01+10.98)	0.2895	0.340
W _{0a}	1.0	1.0	84.21(=74.38+9.58)	88.6(=78.52+10.08)	96.49(=85.51+10.98)	0.3127	0.329
N1 _a	0.0	0.0	8.59(=0.98+9.58)	10.09(=0.01+10.08)	10.99(=0.01+10.98)	0.2895	0.340
W1 _a	1.13	1.13	93.95(=84.37+9.58)	98.71(=88.63+10.08)	106.96(=95.98+10.98)	0.3136	0.3295
Z1 _a	0.18	0.18	23.95(=14.37+9.58)	26.03(=15.95+10.08)	28.25(=17.28+10.98)	0.3061	0.3327

TL552 Reflection colorimetry, System WCGA, L*ABJND-L*ABC_h, Y_{Nn} = 20.16, L*_{Nn} = 52.02, Y_{Wa} = 88.6

Colour r	g	b	X	Y	Z	x	y
R _a	1.0	0.0	61.87(=42.71+19.16)	48.73(=28.57+20.16)	22.47(=0.52+21.95)	0.4649	0.3662
Y _a	1.0	1.0	71.64(=52.48+19.16)	76.28(=56.12+20.16)	22.82(=0.87+21.95)	0.4196	0.4468
G _a	0.0	1.0	35.47(=26.31+9.16)	64.87(=44.71+20.16)	33.22(=10.27+21.95)	0.2676	0.4894
C _a	0.0	1.0	41.49(=22.33+19.16)	60.02(=39.86+20.16)	95.95(=72.04+21.95)	0.201	0.304
B _a	0.0	1.0	31.73(=12.57+19.16)	32.47(=12.31+20.16)	95.6(=76.5+21.95)	0.1985	0.2032
M _a	1.0	0.0	67.89(=48.73+19.16)	43.89(=23.73+20.16)	86.21(=64.25+21.95)	0.3429	0.2217
N _{0a}	0.0	0.0	19.17(=0.01+19.16)	20.17(=0.01+20.16)	21.96(=0.01+21.95)	0.3127	0.329
W _{0a}	1.0	1.0	84.21(=65.05+19.16)	88.6(=68.44+20.16)	96.49(=74.54+21.95)	0.3127	0.329
N1 _a	0.0	0.0	19.17(=0.01+19.16)	20.17(=0.01+20.16)	21.96(=0.01+21.95)	0.3127	0.329
W1 _a	1.13	1.13	92.59(=73.43+19.16)	97.42(=77.26+20.16)	105.62(=83.67+21.95)	0.3132	0.3295
Z1 _a	0.18	0.18	32.38(=13.22+19.16)	34.06(=13.9+20.16)	37.01(=15.06+21.95)	0.313	0.3293

TL570 Reflection colorimetry, System WCGA, L*ABJND-L*ABC_h, Y_{Nn} = 40.32, L*_{Nn} = 69.7, Y_{Wa} = 88.6

Colour r	g	b	X	Y	Z	x	y
R _a	1.0	0.0	68.45(=30.13+38.32)	60.48(=20.16+40.32)	44.27(=0.37+43.9)	0.3952	0.3492
Y _a	1.0	1.0	75.34(=37.02+38.32)	79.91(=39.59+40.32)	44.51(=0.61+43.9)	0.3772	0.4
G _a	0.0	1.0	49.83(=11.51+38.32)	71.86(=31.54+40.32)	51.14(=7.24+43.9)	0.2883	0.4158
C _a	0.0	1.0	54.08(=15.76+38.32)	68.44(=28.12+40.32)	96.11(=52.21+43.9)	0.2473	0.313
B _a	0.0	1.0	47.19(=8.86+38.32)	49.01(=8.69+40.32)	95.86(=51.96+43.9)	0.2457	0.2552
M _a	1.0	0.0	72.7(=34.38+38.32)	57.06(=16.74+40.32)	89.23(=35.43+43.9)	0.332	0.2606
N _{0a}	0.0	0.0	38.32(=0.0+38.32)	40.32(=0.0+40.32)	43.9(=0.0+43.9)	0.3127	0.329
W _{0a}	1.0	1.0	84.21(=45.89+38.32)	88.6(=48.28+40.32)	96.49(=52.58+43.9)	0.3127	0.329
N1 _a	0.0	0.0	38.32(=0.0+38.32)	40.32(=0.0+40.32)	43.9(=0.0+43.9)	0.3127	0.329
W1 _a	1.13	1.13	90.12(=51.8+38.32)	94.82(=54.5+40.32)	102.93(=59.03+43.9)	0.3131	0.3294
Z1 _a	0.18	0.18	47.64(=9.32+38.32)	50.13(=9.81+40.32)	54.52(=10.62+43.9)	0.3128	0.3291

Test chart AEK9; Reflection colorimetry for displays TL500..TL570 input: *rgb/cmy0/000n/k*
 L*ABJND-L*ABC_h data for Ostw device, Y_{Nn} = 0 to 40, L*_{Nn} = 0 to 70, adaptation Y_{Wa} = 88.6

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 application for evaluation and measurement of display