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

Colour r	g	b	X	Y	Z	x	y
R _d	1.0	0.0	0.0	56.43(±56.43+0.0)	23.28(±23.28+0.0)	0.01(±0.01+0.0)	0.7079 0.292
Y _d	1.0	0.0	0.0	69.24(±69.24+0.0)	83.34(±83.34+0.0)	2.49(±2.49+0.0)	0.4465 0.5374
G _d	0.0	1.0	0.0	12.82(±12.82+0.0)	60.07(±60.07+0.0)	0.249(±0.249+0.0)	0.17 0.7969
C _d	0.0	1.0	0.0	27.78(±27.78+0.0)	66.32(±66.32+0.0)	0.9648(±96.48+0.0)	0.1457 0.348
B _d	0.0	0.0	1.0	14.97(±14.97+0.0)	5.26(±5.26+0.0)	94.0(±94.0+0.0)	0.131 0.046
M _d	1.0	0.0	1.0	71.39(±71.39+0.0)	28.53(±28.53+0.0)	94.0(±94.0+0.0)	0.3682 0.1471
N _{0d}	0.0	0.0	0.0	0.02(±0.02+0.0)	0.02(±0.02+0.0)	0.02(±0.02+0.0)	0.3328 0.3328
W _{0d}	1.0	1.0	1.0	84.21(±84.21+0.0)	88.6(±88.6+0.0)	96.48(±96.48+0.0)	0.3127 0.329
N1 _d	0.0	0.0	0.0	0.02(±0.02+0.0)	0.02(±0.02+0.0)	0.02(±0.02+0.0)	0.3328 0.3328
W1 _d	1.13	1.13	1.13	95.05(±95.05+0.0)	100(±100.0+0.0)	108.9(±108.9+0.0)	0.3127 0.329
Z1 _d	0.18	0.18	0.18	17.12(±17.12+0.0)	18.01(±18.01+0.0)	19.61(±19.61+0.0)	0.3127 0.329

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

Colour r	g	b	X	Y	Z	x	y
R _d	1.0	0.0	0.0	56.63(±56.63+0.0)	23.73(±23.1+0.63)	0.69(±0.0+0.69)	0.6987 0.2928
Y _d	1.0	0.0	0.0	69.35(±68.75+0.6)	83.88(±82.75+0.63)	3.15(±2.47+0.69)	0.4449 0.5349
G _d	0.0	1.0	0.0	13.32(±12.72+0.6)	60.27(±59.64+0.63)	3.15(±2.47+0.69)	0.1735 0.7854
C _d	0.0	1.0	0.0	28.17(±27.57+0.6)	66.48(±65.85+0.63)	96.48(±95.79+0.69)	0.1474 0.3478
B _d	0.0	0.0	1.0	15.45(±14.85+0.6)	5.84(±5.21+0.63)	94.02(±93.33+0.69)	0.134 0.0507
M _d	1.0	0.0	1.0	71.48(±70.88+0.6)	28.92(±28.32+0.63)	94.02(±93.33+0.69)	0.3676 0.1489
N _{0d}	0.0	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 _{0d}	1.0	1.0	1.0	84.21(±83.61+0.6)	88.6(±87.97+0.63)	96.48(±95.79+0.69)	0.3127 0.329
N1 _d	0.0	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 _d	1.13	1.13	1.13	94.97(±94.37+0.6)	99.92(±99.29+0.63)	108.81(±108.13+0.69)	0.3127 0.329
Z1 _d	0.18	0.18	0.18	17.59(±16.99+0.6)	18.5(±17.67+0.63)	20.15(±19.46+0.69)	0.3127 0.329

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

Colour r	g	b	X	Y	Z	x	y
R _d	1.0	0.0	0.0	56.83(±55.63+1.2)	24.2(±22.94+1.26)	1.37(±0.0+1.37)	0.6897 0.2937
Y _d	1.0	0.0	0.0	69.45(±68.26+1.2)	83.41(±82.15+1.26)	3.81(±2.44+1.37)	0.4433 0.5324
G _d	0.0	1.0	0.0	13.83(±12.63+1.2)	60.48(±59.22+1.26)	3.81(±2.44+1.37)	0.177 0.7742
C _d	0.0	1.0	0.0	28.57(±27.38+1.2)	66.64(±65.38+1.26)	96.48(±95.11+1.37)	0.1491 0.3476
B _d	0.0	0.0	1.0	15.95(±14.75+1.2)	5.44(±5.18+1.26)	94.04(±92.66+1.37)	0.137 0.0553
M _d	1.0	0.0	1.0	71.57(±70.38+1.2)	29.47(±28.11+1.26)	94.04(±92.66+1.37)	0.3671 0.1507
N _{0d}	0.0	0.0	0.0	1.21(±0.01+1.2)	1.27(±0.01+1.26)	1.38(±0.01+1.37)	0.3135 0.329
W _{0d}	1.0	1.0	1.0	84.21(±83.01+1.2)	88.6(±87.34+1.26)	96.48(±95.11+1.37)	0.3127 0.329
N1 _d	0.0	0.0	0.0	1.21(±0.01+1.2)	1.27(±0.01+1.26)	1.38(±0.01+1.37)	0.3135 0.329
W1 _d	1.13	1.13	1.13	94.97(±93.7+1.2)	99.84(±98.58+1.26)	108.72(±107.35+1.37)	0.3127 0.329
Z1 _d	0.18	0.18	0.18	18.07(±16.87+1.2)	19.0(±17.74+1.26)	20.69(±19.32+1.37)	0.3128 0.329

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

Colour r	g	b	X	Y	Z	x	y
R _d	1.0	0.0	0.0	57.22(±54.83+2.4)	25.13(±22.61+2.52)	2.74(±0.0+2.74)	0.6625 0.2953
Y _d	1.0	0.0	0.0	69.67(±67.27+2.4)	83.43(±80.97+2.52)	5.15(±2.41+2.74)	0.4401 0.5274
G _d	0.0	1.0	0.0	14.84(±12.85+2.4)	60.88(±58.36+2.52)	5.15(±2.41+2.74)	0.1836 0.7528
C _d	0.0	1.0	0.0	29.38(±26.98+2.4)	66.95(±64.43+2.52)	96.48(±93.74+2.74)	0.1524 0.3472
B _d	0.0	0.0	1.0	16.93(±14.54+2.4)	7.62(±5.1+2.52)	94.07(±91.33+2.74)	0.1427 0.0642
M _d	1.0	0.0	1.0	71.76(±69.36+2.4)	30.23(±27.71+2.52)	94.07(±91.33+2.74)	0.366 0.1542
N _{0d}	0.0	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 _{0d}	1.0	1.0	1.0	84.21(±81.82+2.4)	88.6(±86.08+2.52)	96.48(±93.74+2.74)	0.3127 0.329
N1 _d	0.0	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 _d	1.13	1.13	1.13	94.74(±92.35+2.4)	99.68(±97.16+2.52)	108.55(±105.8+2.74)	0.3127 0.329
Z1 _d	0.18	0.18	0.18	19.02(±16.63+2.4)	20.01(±17.49+2.52)	21.78(±19.04+2.74)	0.3128 0.329

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

Colour r	g	b	X	Y	Z	x	y
R _d	1.0	0.0	0.0	58.01(±53.22+4.79)	26.98(±21.95+5.04)	5.49(±0.0+5.49)	0.6411 0.2982
Y _d	1.0	0.0	0.0	70.09(±65.3+4.79)	83.64(±78.5+5.04)	7.83(±2.34+5.49)	0.4338 0.5177
G _d	0.0	1.0	0.0	16.87(±12.08+4.79)	61.68(±56.65+5.04)	7.83(±2.34+5.49)	0.1953 0.7141
C _d	0.0	1.0	0.0	30.98(±26.19+4.79)	67.58(±62.55+5.04)	96.48(±90.99+5.49)	0.1588 0.3465
B _d	0.0	0.0	1.0	18.9(±14.11+4.79)	9.99(±4.95+5.04)	94.14(±88.65+5.49)	0.1586 0.0812
M _d	1.0	0.0	1.0	72.12(±67.33+4.79)	31.94(±26.9+5.04)	94.14(±88.65+5.49)	0.3639 0.1611
N _{0d}	0.0	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 _{0d}	1.0	1.0	1.0	84.21(±79.42+4.79)	88.6(±83.56+5.49)	96.48(±90.99+5.49)	0.3127 0.329
N1 _d	0.0	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 _d	1.13	1.13	1.13	94.43(±89.64+4.79)	99.35(±94.31+5.04)	108.19(±102.71+5.49)	0.3127 0.329
Z1 _d	0.18	0.18	0.18	20.93(±16.14+4.79)	22.02(±16.98+5.04)	23.97(±18.49+5.49)	0.3127 0.329

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

Colour r	g	b	X	Y	Z	x	y
R _d	1.0	0.0	0.0	59.26(±49.68+9.58)	30.7(±20.62+10.08)	10.98(±0.0+10.98)	0.5871 0.3042
Y _d	1.0	0.0	0.0	70.77(±61.19+9.58)	83.94(±73.86+10.08)	13.18(±2.2+10.98)	0.4215 0.5
G _d	0.0	1.0	0.0	20.08(±10.5+9.58)	63.32(±53.24+10.08)	13.18(±2.2+10.98)	0.208 0.6556
C _d	0.0	1.0	0.0	33.52(±23.94+9.58)	68.85(±58.77+10.08)	96.48(±85.51+10.98)	0.1686 0.3463
B _d	0.0	0.0	1.0	22.02(±12.44+9.58)	14.73(±4.65+10.08)	94.28(±83.31+10.98)	0.168 0.1124
M _d	1.0	0.0	1.0	72.7(±63.12+9.58)	35.36(±25.28+10.08)	94.28(±83.31+10.98)	0.3593 0.1747
N _{0d}	0.0	0.0	0.0	8.59(±0.98+9.58)	10.09(±0.01+10.08)	10.99(±0.01+10.98)	0.2895 0.3401
W _{0d}	1.0	1.0	1.0	84.21(±73.63+9.58)	88.6(±78.52+10.08)	96.48(±85.51+10.98)	0.3127 0.329
N1 _d	0.0	0.0	0.0	8.59(±0.98+9.58)	10.09(±0.01+10.08)	10.99(±0.01+10.98)	0.2895 0.3401
W1 _d	1.13	1.13	1.13	93.95(±84.37+9.58)	98.7(±89.62+10.08)	107.49(±96.51+10.98)	0.313 0.3289
Z1 _d	0.18	0.18	0.18	23.95(±14.37+9.58)	26.03(±15.95+10.08)	28.35(±17.37+10.98)	0.3057 0.3323

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

Colour r	g	b	X	Y	Z	x	y
R _d	1.0	0.0	0.0	62.75(±43.59+19.16)	38.14(±17.98+20.16)	21.95(±0.0+21.95)	0.5109 0.3105
Y _d	1.0	0.0	0.0	72.65(±53.49+19.16)	84.54(±64.38+20.16)	23.87(±1.92+21.95)	0.4013 0.4669
G _d	0.0	1.0	0.0	29.06(±19.59+19.16)	66.56(±46.4+20.16)	23.87(±1.92+21.95)	0.1432 0.5571
C _d	0.0	1.0	0.0	40.61(±21.45+19.16)	71.39(±51.23+20.16)	96.48(±74.53+21.95)	0.1948 0.3424
B _d	0.0	0.0	1.0	30.72(±11.56+19.16)	24.22(±4.06+20.16)	94.57(±72.62+21.95)	0.2055 0.162
M _d	1.0	0.0	1.0	74.31(±55.15+19.16)	42.19(±22.03+20.16)	94.57(±72.62+21.95)	0.352 0.1999
N _{0d}	0.0	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 _{0d}	1.0	1.0	1.0	84.21(±65.05+19.16)	88.6(±68.44+20.16)	96.48(±74.53+21.95)	0.3127 0.329
N1 _d	0.0	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 _d	1.13	1.13	1.13	92.58(±73.42+19.16)	97.41(±77.25+20.16)	106.08(±84.13+21.95)	0.3127 0.329
Z1 _d	0.18	0.18	0.18	32.38(±13.22+19.16)	34.06(±13.9+20.16)	37.09(±15.14+21.95)	0.3127 0.329

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

Colour r	g	b	X	Y	Z	x	y
R _d	1.0	0.0	0.0	69.07(±30.75+38.32)	53.0(±12.68+40.32)	43.9(±0.0+43.9)	0.4162 0.3193
Y _d	1.0	0.0	0.0	76.05(±37.73+38.32)	85.73(±45.41+40.32)	45.25(±1.35+43.9)	0.3673 0.4141
G _d	0.0	1.0	0.0	45.3(±6.98+38.32)	73.05(±32.73+40.32)	45.25(±1.35+43.9)	0.2769 0.4465
C _d	0.0	1.0	0.0	53.45(±15.13+38.32)	76.46(±36.14+40.32)	96.48(±52.58+43.9)	0.2661 0.3377
B _d	0.0	0.0	1.0	46.47(±8.15+38.32)	43.18(±2.86+40.32)	93.15(±51.23+43.9)	0.2515 0.2337
M _d	1.0	0.0	1.0	77.23(±38.91+38.32)	55.86(±15.54+40.32)	95.13(±51.23+43.9)	0.3384 0.2448
N _{0d}	0.0	0.0	0.0	38.33(±0.01+38.32)	40.33(±0.01+40.32)	43.91(±0.01+43.9)	0.3127 0.329
W _{0d}	1.0	1.0	1.0	84.21(±45.89+38.32)	88.6(±48.28+40.32)	96.48(±52.58+43.9)	0.3127 0.329
N1 _d	0.0	0.0	0.0	38.33(±0.01+38.32)	40.33(±0.01+40.32)	43.91(±0.01+43.9)	0.3127 0.329
W1 _d	1.13	1.13	1.13	90.12(±51.8+38.32)	94.81(±54.49+40.32)	103.25(±59.35+43.9)	0.3127 0.329
Z1 _d	0.18	0.18	0.18	47.64(±9.32+38.32)	50.13(±9.81+40.32)	54.58(±10.68+43.9)	0.3127 0.329

Test chart AEI9; Reflection colorimetry for displays TL500..TL570 input: rgb/cmy/0.000n/k
L*ABJND-L*ABChab data for WCGa device, Y_{Nn}=0 to 40, L*_{Nn}=0 to 70, adaptation Y_{Wa}=88.6