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TL500 Reflection colorimetry, System WCGa, CIELAB-LabC^h, Y_{Nn} = 0.0, L^{*}_{Nn} = 0.0, Y_{Za} = 18.0

Colour r	g	b	X	Y	Z	x	y
R _d	1.0	0.0	29.0(-29.0+0.0)	16.24(-16.24+0.0)	4.27(-4.27+0.0)	0.5858	0.328
Y _d	1.0	1.0	63.71(-63.71+0.0)	72.66(-72.66+0.0)	8.28(-8.28+0.0)	0.4405	0.5023
G _d	1.0	0.0	8.54(-8.54+0.0)	20.05(-20.05+0.0)	9.59(-9.59+0.0)	0.2236	0.5253
C _d	0.0	1.0	18.74(-18.74+0.0)	26.27(-26.27+0.0)	68.99(-68.99+0.0)	0.1644	0.2304
B _d	0.0	1.0	6.23(-6.23+0.0)	4.52(-4.52+0.0)	22.65(-22.65+0.0)	0.1865	0.1353
M _d	1.0	0.0	32.45(-32.45+0.0)	16.95(-16.95+0.0)	23.04(-23.04+0.0)	0.448	0.234
N _{0d}	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	84.17(-84.17+0.0)	88.56(-88.56+0.0)	96.44(-96.44+0.0)	0.3127	0.329
N1 _d	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	95.0(-95.0+0.0)	99.95(-99.95+0.0)	108.85(-108.85+0.0)	0.3127	0.329
Z1 _d	0.18	0.18	17.11(-17.11+0.0)	18.0(-18.0+0.0)	19.6(-19.6+0.0)	0.3127	0.329

TL506 Reflection colorimetry, System WCGa, CIELAB-LabC^h, Y_{Nn} = 0.3, L^{*}_{Nn} = 5.69, Y_{Za} = 18.0

Colour r	g	b	X	Y	Z	x	y
R _d	1.0	0.0	28.61(-28.61+0.6)	16.34(-15.67+0.63)	4.78(-4.11+0.69)	0.5757	0.328
Y _d	1.0	1.0	62.16(-61.56+0.6)	70.86(-67.97+0.69)	8.66(-7.97+0.69)	0.4388	0.5001
G _d	0.0	1.0	8.82(-8.22+0.6)	19.98(-19.35+0.63)	9.92(-9.23+0.69)	0.2278	0.516
C _d	0.0	1.0	18.68(-18.09+0.6)	25.99(-25.36+0.63)	67.34(-66.65+0.69)	0.1668	0.232
B _d	0.0	1.0	6.59(-5.99+0.6)	4.97(-4.34+0.63)	22.55(-21.86+0.69)	0.1932	0.1456
M _d	1.0	0.0	31.94(-31.34+0.6)	16.99(-16.36+0.63)	22.92(-22.24+0.69)	0.4445	0.2364
N _{0d}	0.0	0.0	0.59(-0.0+0.6)	0.62(-0.0+0.63)	0.68(-0.0+0.69)	0.3128	0.3282
W _{0d}	1.0	1.0	81.94(-81.34+0.6)	86.21(-85.58+0.63)	93.87(-93.18+0.69)	0.3127	0.329
N1 _d	0.0	0.0	0.59(-0.0+0.6)	0.62(-0.0+0.63)	0.68(-0.0+0.69)	0.3128	0.3282
W1 _d	1.13	1.13	92.41(-91.81+0.6)	97.23(-96.6+0.63)	105.88(-105.18+0.69)	0.3127	0.329
Z1 _d	0.18	0.18	17.11(-16.51+0.6)	18.0(-17.37+0.63)	19.6(-18.91+0.69)	0.3127	0.329

TL511 Reflection colorimetry, System WCGa, CIELAB-LabC^h, Y_{Nn} = 1.26, L^{*}_{Nn} = 11.0, Y_{Za} = 18.0

Colour r	g	b	X	Y	Z	x	y
R _d	1.0	0.0	28.23(-27.03+1.2)	16.36(-15.1+1.26)	5.26(-3.89+1.37)	0.5663	0.3281
Y _d	1.0	1.0	60.68(-59.49+1.2)	69.11(-67.85+1.26)	9.01(-7.64+1.37)	0.4372	0.4979
G _d	0.0	1.0	9.09(-7.89+1.2)	19.92(-18.66+1.26)	10.23(-8.86+1.37)	0.2317	0.5075
C _d	0.0	1.0	18.63(-17.44+1.2)	25.73(-24.47+1.26)	65.79(-64.42+1.37)	0.1692	0.2365
B _d	0.0	1.0	6.93(-5.74+1.2)	5.39(-4.13+1.26)	22.45(-21.08+1.37)	0.1994	0.1551
M _d	1.0	0.0	31.45(-30.26+1.2)	17.02(-15.76+1.26)	22.82(-21.44+1.37)	0.4412	0.2387
N _{0d}	0.0	0.0	1.13(-0.06+1.2)	1.19(-0.06+1.26)	1.29(-0.07+1.37)	0.3134	0.329
W _{0d}	1.0	1.0	79.81(-78.61+1.2)	83.98(-82.72+1.26)	91.46(-90.09+1.37)	0.3127	0.329
N1 _d	0.0	0.0	1.13(-0.06+1.2)	1.19(-0.06+1.26)	1.29(-0.07+1.37)	0.3134	0.329
W1 _d	1.13	1.13	89.94(-88.74+1.2)	94.64(-93.38+1.26)	102.07(-101.69+1.37)	0.3127	0.329
Z1 _d	0.18	0.18	17.11(-15.91+1.2)	18.0(-16.74+1.26)	19.6(-18.23+1.37)	0.3127	0.329

TL518 Reflection colorimetry, System WCGa, CIELAB-LabC^h, Y_{Nn} = 2.52, L^{*}_{Nn} = 18.01, Y_{Za} = 18.0

Colour r	g	b	X	Y	Z	x	y
R _d	1.0	0.0	27.55(-25.15+2.4)	16.46(-13.94+2.52)	6.14(-3.4+2.74)	0.5493	0.3282
Y _d	1.0	1.0	58.0(-55.61+2.4)	65.97(-63.45+2.52)	9.66(-6.92+2.74)	0.434	0.4937
G _d	0.0	1.0	9.59(-7.19+2.4)	19.8(-17.28+2.52)	10.81(-8.07+2.74)	0.2385	0.4979
C _d	0.0	1.0	18.54(-16.14+2.4)	25.25(-22.73+2.52)	62.96(-60.32+2.74)	0.1737	0.2366
B _d	0.0	1.0	7.56(-5.16+2.4)	6.17(-3.65+2.52)	22.28(-19.53+2.74)	0.21	0.1713
M _d	1.0	0.0	30.57(-28.18+2.4)	17.08(-14.56+2.52)	22.62(-19.87+2.74)	0.4351	0.2431
N _{0d}	0.0	0.0	2.11(-0.27+2.4)	2.22(-0.29+2.52)	2.41(-0.32+2.74)	0.3133	0.329
W _{0d}	1.0	1.0	75.96(-73.56+2.4)	79.93(-77.41+2.52)	87.05(-84.31+2.74)	0.3127	0.329
N1 _d	0.0	0.0	2.11(-0.27+2.4)	2.22(-0.29+2.52)	2.41(-0.32+2.74)	0.3133	0.329
W1 _d	1.13	1.13	85.46(-83.07+2.4)	89.93(-87.41+2.52)	97.95(-95.2+2.74)	0.3127	0.329
Z1 _d	0.18	0.18	17.11(-14.71+2.4)	18.0(-15.48+2.52)	19.6(-16.86+2.74)	0.3127	0.329

TL527 Reflection colorimetry, System WCGa, CIELAB-LabC^h, Y_{Nn} = 5.04, L^{*}_{Nn} = 26.85, Y_{Za} = 18.0

Colour r	g	b	X	Y	Z	x	y
R _d	1.0	0.0	26.41(-21.62+4.79)	16.62(-11.59+5.04)	7.62(-2.13+5.49)	0.5214	0.3282
Y _d	1.0	1.0	53.54(-48.75+4.79)	60.73(-55.69+5.04)	10.75(-5.26+5.49)	0.4203	0.4857
G _d	0.0	1.0	10.41(-5.62+4.79)	19.64(-14.5+5.04)	11.77(-6.29+5.49)	0.2491	0.4692
C _d	0.0	1.0	18.39(-13.59+4.79)	24.46(-19.42+5.04)	58.21(-52.72+5.49)	0.1819	0.2421
B _d	0.0	1.0	8.6(-3.81+4.79)	7.46(-2.42+5.04)	21.98(-16.5+5.49)	0.2261	0.1961
M _d	1.0	0.0	29.1(-24.31+4.79)	17.18(-12.14+5.04)	22.29(-16.8+5.49)	0.4244	0.2505
N _{0d}	0.0	0.0	3.75(-1.03+4.79)	3.95(-1.08+5.04)	4.3(-1.18+5.49)	0.3127	0.329
W _{0d}	1.0	1.0	69.53(-64.74+4.79)	73.16(-68.12+5.04)	79.66(-74.17+5.49)	0.3127	0.329
N1 _d	0.0	0.0	3.75(-1.03+4.79)	3.95(-1.08+5.04)	4.3(-1.18+5.49)	0.3127	0.329
W1 _d	1.13	1.13	78.0(-73.21+4.79)	82.06(-77.02+5.04)	89.36(-83.87+5.49)	0.3127	0.329
Z1 _d	0.18	0.18	17.11(-12.32+4.79)	18.0(-12.96+5.04)	19.6(-14.11+5.49)	0.3127	0.329

TL538 Reflection colorimetry, System WCGa, CIELAB-LabC^h, Y_{Nn} = 10.08, L^{*}_{Nn} = 37.99, Y_{Za} = 18.0

Colour r	g	b	X	Y	Z	x	y
R _d	1.0	0.0	25.04(-15.46+9.58)	16.87(-6.79+10.08)	9.77(-1.2+10.98)	0.4845	0.3265
Y _d	1.0	1.0	48.17(-38.59+9.58)	53.69(-42.98+10.08)	12.34(-3.16+10.98)	0.4241	0.4672
G _d	0.0	1.0	11.4(-1.82+9.58)	19.31(-9.23+10.08)	13.18(-2.12+10.98)	0.2596	0.4401
C _d	0.0	1.0	18.2(-8.62+9.58)	23.3(-13.22+10.08)	51.28(-40.3+10.98)	0.1961	0.2512
B _d	0.0	1.0	9.86(-0.28+9.58)	9.35(-0.72+10.08)	21.56(-10.58+10.98)	0.2418	0.2282
M _d	1.0	0.0	27.33(-17.75+9.58)	17.37(-7.25+10.08)	21.81(-10.83+10.98)	0.4121	0.2607
N _{0d}	0.0	0.0	5.72(-3.85+9.58)	6.47(-3.6+10.08)	7.04(-3.92+10.98)	0.2975	0.3363
W _{0d}	1.0	1.0	61.8(-52.22+9.58)	63.26(-53.18+10.08)	68.88(-57.9+10.98)	0.3187	0.3263
N1 _d	0.0	0.0	5.72(-3.85+9.58)	6.47(-3.6+10.08)	7.04(-3.92+10.98)	0.2975	0.3363
W1 _d	1.13	1.13	69.02(-59.44+9.58)	70.56(-60.48+10.08)	76.46(-65.86+10.98)	0.3189	0.326
Z1 _d	0.18	0.18	17.11(-7.53+9.58)	18.0(-7.92+10.08)	19.6(-8.63+10.98)	0.3127	0.329

TL552 Reflection colorimetry, System WCGa, CIELAB-LabC^h, Y_{Nn} = 20.16, L^{*}_{Nn} = 52.02, Y_{Za} = 18.0

Colour r	g	b	X	Y	Z	x	y
R _d	1.0	0.0	22.72(-3.56+19.16)	17.17(-2.98+20.16)	12.26(-9.58+21.95)	0.4348	0.3286
Y _d	1.0	1.0	39.11(-19.59+19.16)	43.8(-23.64+20.16)	14.26(-7.68+21.95)	0.4025	0.4503
G _d	0.0	1.0	13.06(-6.09+19.16)	18.97(-1.18+20.16)	14.87(-7.07+21.95)	0.2785	0.4044
C _d	0.0	1.0	17.88(-1.27+19.16)	21.9(-1.74+20.16)	42.91(-20.96+21.95)	0.2162	0.2648
B _d	0.0	1.0	11.97(-7.18+19.16)	11.64(-8.51+20.16)	21.04(-0.9+21.95)	0.2681	0.2606
M _d	1.0	0.0	24.35(-5.19+19.16)	17.5(-2.65+20.16)	21.22(-0.72+21.95)	0.386	0.2775
N _{0d}	0.0	0.0	9.04(-10.11+19.16)	9.51(-10.64+20.16)	10.36(-11.58+21.95)	0.3127	0.329
W _{0d}	1.0	1.0	48.76(-29.61+19.16)	51.3(-31.14+20.16)	55.87(-33.92+21.95)	0.3127	0.329
N1 _d	0.0	0.0	9.04(-10.11+19.16)	9.51(-10.64+20.16)	10.36(-11.58+21.95)	0.3127	0.329
W1 _d	1.13	1.13	53.88(-34.72+19.16)	56.68(-36.52+20.16)	61.73(-39.78+21.95)	0.3127	0.329
Z1 _d	0.18	0.18	17.11(-2.04+19.16)	18.0(-2.15+20.16)	19.6(-2.34+21.95)	0.3127	0.329

TL570 Reflection colorimetry, System WCGa, CIELAB-LabC^h, Y_{Nn} = 40.32, L^{*}_{Nn} = 69.7, Y_{Za} = 18.0

Colour r	g	b	X	Y	Z	x	y
R _d	1.0	0.0	20.78(-17.53+38.32)	17.46(-22.85+40.32)	14.87(-29.02+43.9)	0.3913	0.3287
Y _d	1.0	1.0	31.5(-6.81+38.32)	34.88(-5.43+40.32)	16.1(-27.79+43.9)	0.3819	0.4229
G _d	0.0	1.0	14.46(-23.85+38.32)	18.63(-21.68+40.32)	16.51(-17.38+43.9)	0.2915	0.3756
C _d	0.0	1.0	17.61(-20.7+38.32)	20.55(-19.76+40.32)	34.86(-9.03+43.9)	0.2412	0.2815
B _d	0.0	1.0	13.75(-24.56+38.32)	13.84(-26.47+40.32)	20.54(-23.35+43.9)	0.2857	0.2785
M _d	1.0	0.0	21.85(-16.46+38.32)	17.68(-22.63+40.32)	20.66(-23.23+43.9)	0.363	0.2937
N _{0d}	0.0	1.0	11.83(-26.48+38.32)	12.45(-27.66+40.32)	13.55(-30.34+43.9)	0.3127	0.329
W _{0d}	1.0	1.0	37.82(-49.49+38.32)	39.79(-52.56+40.32)	43.33(-56.43+43.9)	0.3127	0.329
N1 _d	0.0	0.0	11.83(-26.48+38.32)	12.45(-27.66+40.32)	13.55(-30.34+43.9)	0.3127	0.329
W1 _d	1.13	1.13	41.17(-2.85+38.32)	43.31(-2.99+40.32)	47.17(-3.27+43.9)	0.3127	0.329
Z1 _d	0.18	0.18	17.11(-21.2+38.32)	18.0(-22.31+40.32)	19.6(-24.29+43.9)	0.3127	0.329

Test chart AEN8; Reflection colorimetry for displays TL500...TL570 input: rgb/cmy0/000n/k
CIELAB-LabC^h*h_{ab} data for Offs device, Y_{Nn}=0 to 40, L^{*}_{Nn}=0 to 70, adaptation Y_{Za}=18.0

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technical information: http://farbe.li.tu-berlin.de/AEN8/AEN8L0NA.PDF /PS; start output

TUB registration: 20201101-AEN8/AEN8L0NA.PDF /PS; start output
application for evaluation and measurement of display or print output, no separation

TUB material code=thada