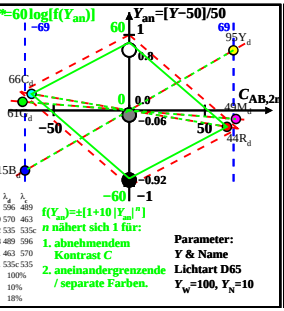
XYZ_W=95.04 , 100.0 , 108.89
A_2 = 2,5 $(a_2 - a_{2n})$ Y
B_2 = 2,5 B_2 $(b_2 - b_{2n})$ Y
$a_2 = a_{20}$ [$(x - x_c)$ / y]
$b_2 = b_{20}$ [z / y]
a_{20} = 1, b_{20} = −0,4
x_c = 0,110, B_2 = 0,800
$C_{AB2}=[A_2^2+B_2^2]^{1/2}$
6 *Ostwald*-Farben (o)
von maximalem (m) C_{AB} im
linearen Farbenraum ($C_{AB,2n}$, Y)
Lichtart D65, Y_W=100, Y_N=10



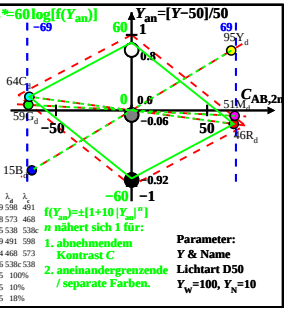
Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	567...775	63.21	44.18	11.04	0.5337	0.373	596	489
Y_d	493...775	78.93	94.84	17.06	0.4135	0.4969	570	463
G_d	493...567	25.32	60.76	17.02	0.2455	0.5892	535	535c
C_d	380...567	41.44	65.92	108.85	0.1916	0.3048	489	596
B_d	380...493	25.71	15.26	102.83	0.1788	0.1061	463	570
M_d	567...493	79.33	49.34	102.87	0.3426	0.2131	535c	535
W_d	380...775	95.04	100.0	108.89	0.3127	0.3229		100%
N_d	380...775	9.5	10.0	10.88	0.3127	0.329		10%
Z_d	380...775	17.1	18.0	19.6	0.3127	0.329		18%

$f(Y_{an})=\pm[1+10\,|Y_{an}|^n]$
n nähert sich 1 für:
1. abnehmendem Kontrast C
2. aneinandergrenzende / separate Farben.

Parameter:
Y & Name
Lichtart D65
Y_W=100, Y_N=10

BGP71−1A

XYZ_W=96.42 , 100.0 , 82.49
A_2 = 2,5 $(a_2 - a_{2n})$ Y
B_2 = 2,5 B_2 $(b_2 - b_{2n})$ Y
$a_2 = a_{20}$ [$(x - x_c)$ / y]
$b_2 = b_{20}$ [z / y]
a_{20} = 1, b_{20} = −0,4
x_c = 0,110, B_2 = 1,000
$C_{AB2}=[A_2^2+B_2^2]^{1/2}$
6 *Ostwald*-Farben (o)
von maximalem (m) C_{AB} im
linearen Farbenraum ($C_{AB,2n}$, Y)
Lichtart D50, Y_W=100, Y_N=10



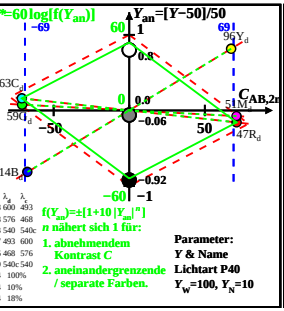
Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	570...775	68.08	46.05	8.37	0.5557	0.3759	598	491
Y_d	496...775	84.45	94.64	12.16	0.4415	0.4948	573	468
G_d	496...570	26.11	58.68	12.12	0.2694	0.6055	538	538c
C_d	380...570	38.08	64.05	82.46	0.2063	0.3469	491	598
B_d	380...496	21.71	15.46	78.67	0.1874	0.1334	468	573
M_d	570...496	80.05	51.42	78.71	0.3808	0.2446	538c	538
W_d	380...775	96.42	100.0	82.49	0.3457	0.3585		100%
N_d	380...775	9.64	10.0	8.24	0.3456	0.3585		10%
Z_d	380...775	17.35	18.0	14.84	0.3457	0.3585		18%

$f(Y_{an})=\pm[1+10\,|Y_{an}|^n]$
n nähert sich 1 für:
1. abnehmendem Kontrast C
2. aneinandergrenzende / separate Farben.

Parameter:
Y & Name
Lichtart D50
Y_W=100, Y_N=10

BGP71−2A

XYZ_W=100.93 , 100.0 , 64.68
A_2 = 2,5 $(a_2 - a_{2n})$ Y
B_2 = 2,5 B_2 $(b_2 - b_{2n})$ Y
$a_2 = a_{20}$ [$(x - x_c)$ / y]
$b_2 = b_{20}$ [z / y]
a_{20} = 1, b_{20} = −0,4
x_c = 0,110, B_2 = 1,300
$C_{AB2}=[A_2^2+B_2^2]^{1/2}$
6 *Ostwald*-Farben (o)
von maximalem (m) C_{AB} im
linearen Farbenraum ($C_{AB,2n}$, Y)
Lichtart P40, Y_W=100, Y_N=10



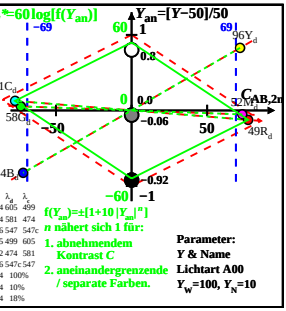
Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	573...775	73.3	47.09	6.57	0.5773	0.3708	600	493
Y_d	498...775	91.64	95.82	10.18	0.4636	0.4848	576	468
G_d	498...573	28.53	58.83	10.14	0.2925	0.6033	540	540c
C_d	380...573	37.83	63.01	64.65	0.2285	0.3807	493	600
B_d	380...498	19.49	14.28	61.04	0.2055	0.1506	468	576
M_d	573...498	82.6	51.27	61.08	0.4236	0.2629	540c	540
W_d	380...775	100.93	100.0	64.68	0.3799	0.3764		100%
N_d	380...775	10.09	10.0	6.46	0.3799	0.3764		10%
Z_d	380...775	18.16	18.0	11.64	0.3799	0.3764		18%

$f(Y_{an})=\pm[1+10\,|Y_{an}|^n]$
n nähert sich 1 für:
1. abnehmendem Kontrast C
2. aneinandergrenzende / separate Farben.

Parameter:
Y & Name
Lichtart P40
Y_W=100, Y_N=10

BGP71−3A

XYZ_W=109.84 , 99.99 , 35.58
A_2 = 2,5 $(a_2 - a_{2n})$ Y
B_2 = 2,5 B_2 $(b_2 - b_{2n})$ Y
$a_2 = a_{20}$ [$(x - x_c)$ / y]
$b_2 = b_{20}$ [z / y]
a_{20} = 1, b_{20} = −0,4
x_c = 0,110, B_2 = 2,500
$C_{AB2}=[A_2^2+B_2^2]^{1/2}$
6 *Ostwald*-Farben (o)
von maximalem (m) C_{AB} im
linearen Farbenraum ($C_{AB,2n}$, Y)
Lichtart A00, Y_W=100, Y_N=10



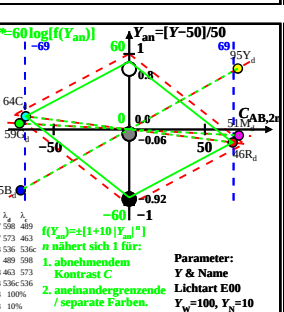
Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	579...775	82.91	48.77	3.63	0.6127	0.3604	605	499
Y_d	504...775	105.02	96.39	5.69	0.507	0.4654	581	474
G_d	504...579	33.2	57.71	5.65	0.3437	0.5976	547	547c
C_d	380...579	38.03	61.33	35.54	0.2819	0.4545	499	605
B_d	380...504	15.93	13.71	33.48	0.2523	0.2172	474	581
M_d	579...504	87.75	52.39	33.52	0.5052	0.3016	547c	547
W_d	380...775	109.84	99.99	35.58	0.4475	0.4074		100%
N_d	380...775	10.98	9.99	3.55	0.4475	0.4074		10%
Z_d	380...775	19.77	17.99	6.4	0.4475	0.4074		18%

$f(Y_{an})=\pm[1+10\,|Y_{an}|^n]$
n nähert sich 1 für:
1. abnehmendem Kontrast C
2. aneinandergrenzende / separate Farben.

Parameter:
Y & Name
Lichtart A00
Y_W=100, Y_N=10

BGP71−4A

XYZ_W=100.0 , 100.0 , 100.0
A_2 = 2,5 $(a_2 - a_{2n})$ Y
B_2 = 2,5 B_2 $(b_2 - b_{2n})$ Y
$a_2 = a_{20}$ [$(x - x_c)$ / y]
$b_2 = b_{20}$ [z / y]
a_{20} = 1, b_{20} = −0,4
x_c = 0,110, B_2 = 0,900
$C_{AB2}=[A_2^2+B_2^2]^{1/2}$
6 *Ostwald*-Farben (o)
von maximalem (m) C_{AB} im
linearen Farbenraum ($C_{AB,2n}$, Y)
Lichtart E00, Y_W=100, Y_N=10



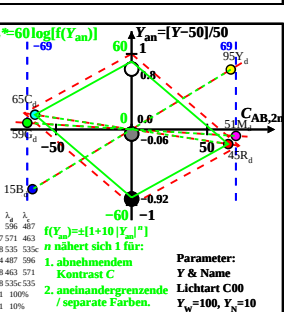
Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	570...775	68.94	46.4	10.14	0.5494	0.3697	598	489
Y_d	494...775	85.05	95.34	15.49	0.4341	0.4867	573	463
G_d	494...570	26.2	59.04	15.45	0.2601	0.5863	536	536c
C_d	380...570	41.16	63.7	99.96	0.2009	0.311	489	598
B_d	380...494	25.06	14.76	94.61	0.1864	0.1098	463	573
M_d	570...494	83.9	51.06	94.65	0.3654	0.2223	536c	536
W_d	380...775	100.00	100.0	100.0	0.3333	0.3333		100%
N_d	380...775	10.0	10.0	10.0	0.3333	0.3333		10%
Z_d	380...775	18.0	18.0	18.0	0.3333	0.3333		18%

$f(Y_{an})=\pm[1+10\,|Y_{an}|^n]$
n nähert sich 1 für:
1. abnehmendem Kontrast C
2. aneinandergrenzende / separate Farben.

Parameter:
Y & Name
Lichtart E00
Y_W=100, Y_N=10

BGP71−5A

XYZ_W=98.07 , 100.0 , 118.22
A_2 = 2,5 $(a_2 - a_{2n})$ Y
B_2 = 2,5 B_2 $(b_2 - b_{2n})$ Y
$a_2 = a_{20}$ [$(x - x_c)$ / y]
$b_2 = b_{20}$ [z / y]
a_{20} = 1, b_{20} = −0,4
x_c = 0,110, B_2 = 0,700
$C_{AB2}=[A_2^2+B_2^2]^{1/2}$
6 *Ostwald*-Farben (o)
von maximalem (m) C_{AB} im
linearen Farbenraum ($C_{AB,2n}$, Y)
Lichtart C00, Y_W=100, Y_N=10



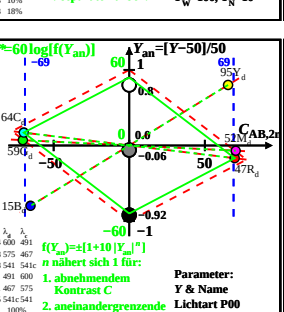
Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	567...775	64.91	45.36	11.98	0.5309	0.371	596	487
Y_d	492...775	80.42	94.63	18.17	0.4162	0.4897	571	463
G_d	492...567	25.41	59.36	18.12	0.2469	0.5768	535	535c
C_d	380...567	43.07	64.74	118.19	0.1905	0.2864	487	596
B_d	380...492	27.56	15.47	112.0	0.1777	0.0998	463	571
M_d	567...492	82.57	50.74	112.04	0.3365	0.2068	535c	535
W_d	380...775	98.07	100.0	118.22	0.31	0.3161		100%
N_d	380...775	9.8	10.0	11.82	0.31	0.3161		10%
Z_d	380...775	17.65	18.0	21.28	0.31	0.3161		18%

$f(Y_{an})=\pm[1+10\,|Y_{an}|^n]$
n nähert sich 1 für:
1. abnehmendem Kontrast C
2. aneinandergrenzende / separate Farben.

Parameter:
Y & Name
Lichtart C00
Y_W=100, Y_N=10

BGP71−6A

XYZ_W=102.06 , 100.0 , 81.06
A_2 = 2,5 $(a_2 - a_{2n})$ Y
B_2 = 2,5 B_2 $(b_2 - b_{2n})$ Y
$a_2 = a_{20}$ [$(x - x_c)$ / y]
$b_2 = b_{20}$ [z / y]
a_{20} = 1, b_{20} = −0,4
x_c = 0,110, B_2 = 1,000
$C_{AB2}=[A_2^2+B_2^2]^{1/2}$
6 *Ostwald*-Farben (o)
von maximalem (m) C_{AB} im
linearen Farbenraum ($C_{AB,2n}$, Y)
Lichtart P00, Y_W=100, Y_N=10



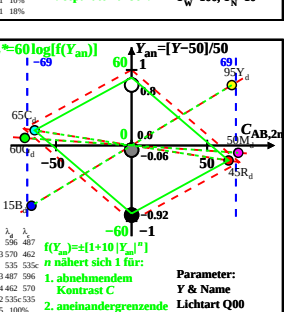
Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	572...775	72.33	46.59	8.22	0.5688	0.3664	600	491
Y_d	496...775	90.07	95.04	11.7	0.4576	0.4828	575	467
G_d	496...572	28.05	58.54	11.66	0.2854	0.5958	541	541c
C_d	380...572	40.05	63.51	81.02	0.2169	0.344	491	600
B_d	380...496	22.3	15.06	77.55	0.194	0.1311	467	575
M_d	572...496	84.33	51.56	77.59	0.395	0.2415	541c	541
W_d	380...775	102.06	100.0	81.06	0.3604	0.3531		100%
N_d	380...775	10.2	10.0	8.1	0.3604	0.3531		10%
Z_d	380...775	18.37	18.0	14.59	0.3604	0.3531		18%

$f(Y_{an})=\pm[1+10\,|Y_{an}|^n]$
n nähert sich 1 für:
1. abnehmendem Kontrast C
2. aneinandergrenzende / separate Farben.

Parameter:
Y & Name
Lichtart P00
Y_W=100, Y_N=10

BGP71−7A

XYZ_W=97.93 , 100.0 , 118.95
A_2 = 2,5 $(a_2 - a_{2n})$ Y
B_2 = 2,5 B_2 $(b_2 - b_{2n})$ Y
$a_2 = a_{20}$ [$(x - x_c)$ / y]
$b_2 = b_{20}$ [z / y]
a_{20} = 1, b_{20} = −0,4
x_c = 0,110, B_2 = 0,700
$C_{AB2}=[A_2^2+B_2^2]^{1/2}$
6 *Ostwald*-Farben (o)
von maximalem (m) C_{AB} im
linearen Farbenraum ($C_{AB,2n}$, Y)
Lichtart Q00, Y_W=100, Y_N=10



Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	567...775	64.71	45.09	12.05	0.531	0.37	596	487
Y_d	492...775	79.97	94.93	18.29	0.4139	0.4913	570	462
G_d	492...567	25.14	59.93	18.25	0.2433	0.58	535	535c
C_d	380...567	43.11	65.01	118.92	0.1898	0.2863	487	596
B_d	380...492	27.85	15.17	112.68	0.1789	0.0974	462	570
M_d	567...492	82.68	50.17	112.72	0.3366	0.2042	535c	535
W_d	380...775	97.93	100.0	118.95	0.309	0.3155		100%
N_d	380...775	9.79	10.0	11.89	0.309	0.3155		10%
Z_d	380...775	17.62	18.0	21.41	0.309	0.3155		18%

$f(Y_{an})=\pm[1+10\,|Y_{an}|^n]$
n nähert sich 1 für:
1. abnehmendem Kontrast C
2. aneinandergrenzende / separate Farben.

Parameter:
Y & Name
Lichtart Q00
Y_W=100, Y_N=10

BGP71−8A