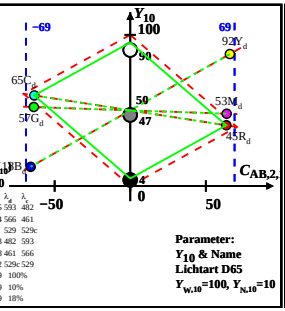
**$XYZ_{W,10}$=94.81 , 100.0 , 107.33**
$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n,10})\ Y_{10}$
$B_{2,10} = 2{,}5\ B_c\ (b_{2,10} - b_{2,n,10})\ Y_{10}$
$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}\ ]$
$b_{2,10} = b_{20}\ [\ z_{10}\ /\ y_{10}\ ]$
$a_{20}$ = 1, $b_{20}$ = −0,4
$x_c$ = 0,110, $B_c$ = 0,800
$C_{AB2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 *Ostwald*-Farben (o)
von maximalem (m) $C_{AB,10}$ im
linearen Farbenraum ($C_{AB2,10}$, $Y_{10}$)
Lichtart D65, $Y_{W,10}$=100, $Y_{N,10}$=10

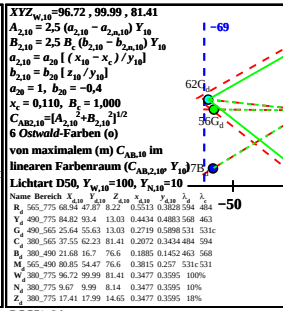



| Name | Bereich | $X_{10}$ | $Y_{10}$ | $Z_{10}$ | $x_{10}$ | $y_{10}$ | $\lambda_d$ | $\lambda_c$ | |
|---|---|---|---|---|---|---|---|---|---|
| $R_d$ | 561_775 | 63.31 | 45.10 | 10.84 | 0.5306 | 0.3785 | 593 | 482 | |
| $Y_d$ | 487_775 | 78.75 | 92.32 | 16.77 | 0.4192 | 0.4914 | 566 | 461 | |
| $G_d$ | 487_561 | 25.01 | 57.25 | 16.77 | 0.2525 | 0.578 | 529 | 529c | |
| $C_d$ | 380_561 | 41.08 | 64.94 | 107.34 | 0.1925 | 0.3043 | 482 | 593 | |
| $B_d$ | 380_487 | 25.64 | 17.78 | 101.4 | 0.177 | 0.1228 | 461 | 566 | |
| $M_d$ | 561_487 | 79.38 | 52.85 | 101.4 | 0.3397 | 0.2262 | 529c | 529 | |
| W | 380_775 | 94.81 | 100.0 | 107.33 | 0.3137 | 0.3309 | 100% | | |
| $N_d$ | 380_775 | 9.48 | 10.0 | 10.73 | 0.3137 | 0.3309 | 10% | | |
| $Z_d$ | 380_775 | 17.06 | 18.0 | 19.32 | 0.3137 | 0.3309 | 18% | | |

Parameter:
$Y_{10}$ & Name
Lichtart D65
$Y_{W,10}$=100, $Y_{N,10}$=10

BGG71−1A

**$XYZ_{W,10}$=96.72 , 99.99 , 81.41**
$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n,10})\ Y_{10}$
$B_{2,10} = 2{,}5\ B_c\ (b_{2,10} - b_{2,n,10})\ Y_{10}$
$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}\ ]$
$b_{2,10} = b_{20}\ [\ z_{10}\ /\ y_{10}\ ]$
$a_{20}$ = 1, $b_{20}$ = −0,4
$x_c$ = 0,110, $B_c$ = 1,000
$C_{AB2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 *Ostwald*-Farben (o)
von maximalem (m) $C_{AB,10}$ im
linearen Farbenraum ($C_{AB2,10}$, $Y_{10}$)
Lichtart D50, $Y_{W,10}$=100, $Y_{N,10}$=10

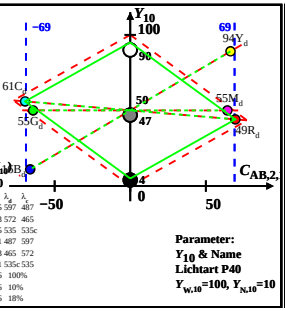



| Name | Bereich | $X_{10}$ | $Y_{10}$ | $Z_{10}$ | $x_{10}$ | $y_{10}$ | $\lambda_d$ | $\lambda_c$ | |
|---|---|---|---|---|---|---|---|---|---|
| $R_d$ | 565_775 | 68.94 | 47.87 | 8.22 | 0.5513 | 0.3828 | 594 | 484 | |
| $Y_d$ | 490_775 | 84.82 | 93.4 | 13.03 | 0.4434 | 0.4883 | 568 | 463 | |
| $G_d$ | 490_565 | 25.64 | 55.63 | 13.03 | 0.2719 | 0.5898 | 531 | 531c | |
| $C_d$ | 380_565 | 37.55 | 62.23 | 81.41 | 0.2072 | 0.3434 | 484 | 594 | |
| $B_d$ | 380_490 | 21.68 | 16.7 | 76.6 | 0.1885 | 0.1452 | 463 | 568 | |
| $M_d$ | 565_490 | 80.85 | 54.47 | 76.6 | 0.3815 | 0.257 | 531c | 531 | |
| W | 380_775 | 96.72 | 99.99 | 81.41 | 0.3477 | 0.3595 | 100% | | |
| $N_d$ | 380_775 | 9.67 | 9.99 | 8.14 | 0.3477 | 0.3595 | 10% | | |
| $Z_d$ | 380_775 | 17.41 | 17.99 | 14.65 | 0.3477 | 0.3595 | 18% | | |

Parameter:
$Y_{10}$ & Name
Lichtart D50
$Y_{W,10}$=100, $Y_{N,10}$=10

BGG71−2A

**$XYZ_{W,10}$=101.75 , 100.0 , 64.44**
$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n,10})\ Y_{10}$
$B_{2,10} = 2{,}5\ B_c\ (b_{2,10} - b_{2,n,10})\ Y_{10}$
$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}\ ]$
$b_{2,10} = b_{20}\ [\ z_{10}\ /\ y_{10}\ ]$
$a_{20}$ = 1, $b_{20}$ = −0,4
$x_c$ = 0,110, $B_c$ = 1,300
$C_{AB2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 *Ostwald*-Farben (o)
von maximalem (m) $C_{AB,10}$ im
linearen Farbenraum ($C_{AB2,10}$, $Y_{10}$)
Lichtart P40, $Y_{W,10}$=100, $Y_{N,10}$=10

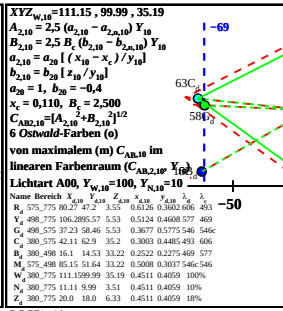



| Name | Bereich | $X_{10}$ | $Y_{10}$ | $Z_{10}$ | $x_{10}$ | $y_{10}$ | $\lambda_d$ | $\lambda_c$ | |
|---|---|---|---|---|---|---|---|---|---|
| $R_d$ | 569_775 | 74.46 | 49.11 | 6.5 | 0.574 | 0.3775 | 597 | 487 | |
| $Y_d$ | 492_775 | 92.34 | 94.1 | 9.87 | 0.4703 | 0.4793 | 572 | 465 | |
| $G_d$ | 492_569 | 28.16 | 55.09 | 9.87 | 0.3024 | 0.5915 | 535 | 535c | |
| $C_d$ | 380_569 | 37.57 | 60.59 | 64.45 | 0.2304 | 0.3741 | 487 | 597 | |
| $B_d$ | 380_492 | 19.69 | 16.0 | 61.08 | 0.2034 | 0.1653 | 465 | 572 | |
| $M_d$ | 569_492 | 83.87 | 55.01 | 61.08 | 0.4194 | 0.2751 | 535c | 535 | |
| W | 380_775 | 101.75 | 100.0 | 64.44 | 0.3822 | 0.3756 | 100% | | |
| $N_d$ | 380_775 | 10.17 | 10.0 | 6.44 | 0.3822 | 0.3756 | 10% | | |
| $Z_d$ | 380_775 | 18.31 | 18.0 | 11.6 | 0.3822 | 0.3756 | 18% | | |

Parameter:
$Y_{10}$ & Name
Lichtart P40
$Y_{W,10}$=100, $Y_{N,10}$=10

BGG71−3A

**$XYZ_{W,10}$=111.15 , 99.99 , 35.19**
$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n,10})\ Y_{10}$
$B_{2,10} = 2{,}5\ B_c\ (b_{2,10} - b_{2,n,10})\ Y_{10}$
$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}\ ]$
$b_{2,10} = b_{20}\ [\ z_{10}\ /\ y_{10}\ ]$
$a_{20}$ = 1, $b_{20}$ = −0,4
$x_c$ = 0,110, $B_c$ = 2,500
$C_{AB2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 *Ostwald*-Farben (o)
von maximalem (m) $C_{AB,10}$ im
linearen Farbenraum ($C_{AB2,10}$, $Y_{10}$)
Lichtart A00, $Y_{W,10}$=100, $Y_{N,10}$=10

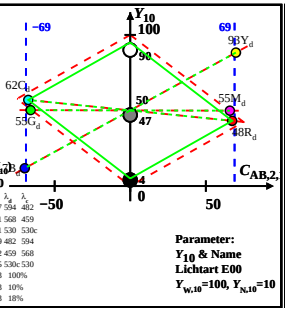



| Name | Bereich | $X_{10}$ | $Y_{10}$ | $Z_{10}$ | $x_{10}$ | $y_{10}$ | $\lambda_d$ | $\lambda_c$ | |
|---|---|---|---|---|---|---|---|---|---|
| $R_d$ | 575_775 | 80.27 | 47.2 | 3.55 | 0.6126 | 0.3602 | 606 | 493 | |
| $Y_d$ | 498_775 | 106.28 | 95.57 | 5.53 | 0.5124 | 0.4608 | 577 | 469 | |
| $G_d$ | 498_575 | 37.23 | 58.46 | 5.53 | 0.3677 | 0.5775 | 546 | 546c | |
| $C_d$ | 380_575 | 42.11 | 62.9 | 35.2 | 0.3003 | 0.4485 | 493 | 606 | |
| $B_d$ | 380_498 | 16.1 | 14.53 | 33.22 | 0.2522 | 0.2275 | 469 | 577 | |
| $M_d$ | 575_498 | 85.15 | 51.64 | 33.22 | 0.5008 | 0.3037 | 546c | 546 | |
| W | 380_775 | 111.15 | 99.99 | 35.19 | 0.4511 | 0.4059 | 100% | | |
| $N_d$ | 380_775 | 11.11 | 9.99 | 3.51 | 0.4511 | 0.4059 | 10% | | |
| $Z_d$ | 380_775 | 20.0 | 18.0 | 6.33 | 0.4511 | 0.4059 | 18% | | |

Parameter:
$Y_{10}$ & Name
Lichtart A00
$Y_{W,10}$=100, $Y_{N,10}$=10

BGG71−4A

**$XYZ_{W,10}$=99.99 , 99.99 , 100.0**
$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n,10})\ Y_{10}$
$B_{2,10} = 2{,}5\ B_c\ (b_{2,10} - b_{2,n,10})\ Y_{10}$
$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}\ ]$
$b_{2,10} = b_{20}\ [\ z_{10}\ /\ y_{10}\ ]$
$a_{20}$ = 1, $b_{20}$ = −0,4
$x_c$ = 0,110, $B_c$ = 0,900
$C_{AB2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 *Ostwald*-Farben (o)
von maximalem (m) $C_{AB,10}$ im
linearen Farbenraum ($C_{AB2,10}$, $Y_{10}$)
Lichtart E00, $Y_{W,10}$=100, $Y_{N,10}$=10

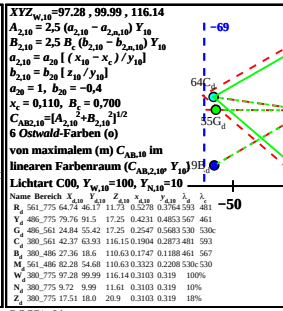



| Name | Bereich | $X_{10}$ | $Y_{10}$ | $Z_{10}$ | $x_{10}$ | $y_{10}$ | $\lambda_d$ | $\lambda_c$ | |
|---|---|---|---|---|---|---|---|---|---|
| $R_d$ | 564_775 | 69.56 | 48.14 | 10.1 | 0.5442 | 0.3767 | 594 | 482 | |
| $Y_d$ | 487_775 | 84.85 | 93.29 | 15.74 | 0.4376 | 0.4811 | 568 | 459 | |
| $G_d$ | 487_564 | 25.39 | 55.24 | 15.74 | 0.2634 | 0.5731 | 530 | 530c | |
| $C_d$ | 380_564 | 40.53 | 61.96 | 100.01 | 0.2001 | 0.3059 | 482 | 594 | |
| $B_d$ | 380_487 | 25.24 | 16.81 | 94.37 | 0.185 | 0.1232 | 459 | 568 | |
| $M_d$ | 564_487 | 84.7 | 54.86 | 94.37 | 0.362 | 0.2345 | 530c | 530 | |
| W | 380_775 | 99.99 | 99.99 | 100.0 | 0.3333 | 0.3333 | 100% | | |
| $N_d$ | 380_775 | 9.99 | 9.99 | 10.0 | 0.3333 | 0.3333 | 10% | | |
| $Z_d$ | 380_775 | 17.99 | 17.99 | 18.0 | 0.3333 | 0.3333 | 18% | | |

Parameter:
$Y_{10}$ & Name
Lichtart E00
$Y_{W,10}$=100, $Y_{N,10}$=10

BGG71−5A

**$XYZ_{W,10}$=97.28 , 99.99 , 116.14**
$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n,10})\ Y_{10}$
$B_{2,10} = 2{,}5\ B_c\ (b_{2,10} - b_{2,n,10})\ Y_{10}$
$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}\ ]$
$b_{2,10} = b_{20}\ [\ z_{10}\ /\ y_{10}\ ]$
$a_{20}$ = 1, $b_{20}$ = −0,4
$x_c$ = 0,110, $B_c$ = 0,700
$C_{AB2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 *Ostwald*-Farben (o)
von maximalem (m) $C_{AB,10}$ im
linearen Farbenraum ($C_{AB2,10}$, $Y_{10}$)
Lichtart C00, $Y_{W,10}$=100, $Y_{N,10}$=10

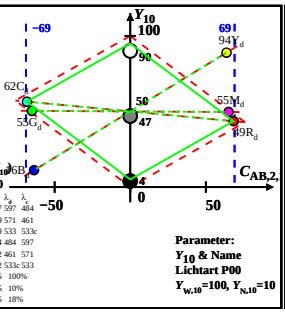



| Name | Bereich | $X_{10}$ | $Y_{10}$ | $Z_{10}$ | $x_{10}$ | $y_{10}$ | $\lambda_d$ | $\lambda_c$ | |
|---|---|---|---|---|---|---|---|---|---|
| $R_d$ | 561_775 | 64.74 | 46.17 | 11.73 | 0.5278 | 0.3764 | 593 | 481 | |
| $Y_d$ | 486_775 | 79.76 | 91.5 | 17.25 | 0.4231 | 0.4853 | 567 | 461 | |
| $G_d$ | 486_561 | 24.84 | 55.42 | 17.25 | 0.2547 | 0.5683 | 530 | 530c | |
| $C_d$ | 380_561 | 42.37 | 63.93 | 116.15 | 0.1904 | 0.2873 | 481 | 593 | |
| $B_d$ | 380_486 | 27.36 | 18.6 | 110.63 | 0.1747 | 0.1188 | 461 | 567 | |
| $M_d$ | 561_486 | 82.28 | 54.68 | 110.63 | 0.3323 | 0.2208 | 530c | 530 | |
| W | 380_775 | 97.28 | 99.99 | 116.14 | 0.3103 | 0.319 | 100% | | |
| $N_d$ | 380_775 | 9.72 | 9.99 | 11.61 | 0.3103 | 0.319 | 10% | | |
| $Z_d$ | 380_775 | 17.51 | 18.0 | 20.9 | 0.3103 | 0.319 | 18% | | |

Parameter:
$Y_{10}$ & Name
Lichtart C00
$Y_{W,10}$=100, $Y_{N,10}$=10

BGG71−6A

**$XYZ_{W,10}$=102.37 , 99.99 , 81.25**
$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n,10})\ Y_{10}$
$B_{2,10} = 2{,}5\ B_c\ (b_{2,10} - b_{2,n,10})\ Y_{10}$
$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}\ ]$
$b_{2,10} = b_{20}\ [\ z_{10}\ /\ y_{10}\ ]$
$a_{20}$ = 1, $b_{20}$ = −0,4
$x_c$ = 0,110, $B_c$ = 1,000
$C_{AB2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 *Ostwald*-Farben (o)
von maximalem (m) $C_{AB,10}$ im
linearen Farbenraum ($C_{AB2,10}$, $Y_{10}$)
Lichtart P00, $Y_{W,10}$=100, $Y_{N,10}$=10

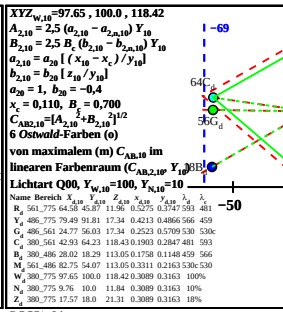



| Name | Bereich | $X_{10}$ | $Y_{10}$ | $Z_{10}$ | $x_{10}$ | $y_{10}$ | $\lambda_d$ | $\lambda_c$ | |
|---|---|---|---|---|---|---|---|---|---|
| $R_d$ | 567_775 | 73.2 | 48.59 | 8.2 | 0.563 | 0.3737 | 597 | 484 | |
| $Y_d$ | 489_775 | 90.23 | 93.93 | 12.77 | 0.4581 | 0.4769 | 571 | 461 | |
| $G_d$ | 489_567 | 27.36 | 55.43 | 12.77 | 0.2863 | 0.5799 | 533 | 533c | |
| $C_d$ | 380_567 | 39.51 | 61.51 | 81.26 | 0.2167 | 0.3374 | 484 | 597 | |
| $B_d$ | 380_489 | 22.48 | 16.17 | 76.68 | 0.1949 | 0.1402 | 461 | 571 | |
| $M_d$ | 567_489 | 85.35 | 54.67 | 76.68 | 0.3938 | 0.2522 | 533c | 533 | |
| W | 380_775 | 102.37 | 99.99 | 81.25 | 0.3609 | 0.3525 | 100% | | |
| $N_d$ | 380_775 | 10.23 | 9.99 | 8.12 | 0.3609 | 0.3525 | 10% | | |
| $Z_d$ | 380_775 | 18.42 | 18.0 | 14.62 | 0.3609 | 0.3525 | 18% | | |

Parameter:
$Y_{10}$ & Name
Lichtart P00
$Y_{W,10}$=100, $Y_{N,10}$=10

BGG71−7A

**$XYZ_{W,10}$=97.65 , 100.0 , 118.42**
$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n,10})\ Y_{10}$
$B_{2,10} = 2{,}5\ B_c\ (b_{2,10} - b_{2,n,10})\ Y_{10}$
$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}\ ]$
$b_{2,10} = b_{20}\ [\ z_{10}\ /\ y_{10}\ ]$
$a_{20}$ = 1, $b_{20}$ = −0,4
$x_c$ = 0,110, $B_c$ = 0,700
$C_{AB2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 *Ostwald*-Farben (o)
von maximalem (m) $C_{AB,10}$ im
linearen Farbenraum ($C_{AB2,10}$, $Y_{10}$)
Lichtart Q00, $Y_{W,10}$=100, $Y_{N,10}$=10




| Name | Bereich | $X_{10}$ | $Y_{10}$ | $Z_{10}$ | $x_{10}$ | $y_{10}$ | $\lambda_d$ | $\lambda_c$ | |
|---|---|---|---|---|---|---|---|---|---|
| $R_d$ | 561_775 | 64.58 | 45.87 | 11.96 | 0.5275 | 0.3747 | 593 | 481 | |
| $Y_d$ | 486_775 | 79.49 | 91.81 | 17.34 | 0.4213 | 0.4866 | 566 | 459 | |
| $G_d$ | 486_561 | 24.77 | 56.03 | 17.34 | 0.2523 | 0.5709 | 530 | 530c | |
| $C_d$ | 380_561 | 42.93 | 64.23 | 118.43 | 0.1903 | 0.2847 | 481 | 593 | |
| $B_d$ | 380_486 | 28.02 | 18.29 | 113.05 | 0.1758 | 0.1148 | 459 | 566 | |
| $M_d$ | 561_486 | 82.75 | 54.07 | 113.05 | 0.3311 | 0.2163 | 530c | 530 | |
| W | 380_775 | 97.65 | 100.0 | 118.42 | 0.3089 | 0.3163 | 100% | | |
| $N_d$ | 380_775 | 9.76 | 10.0 | 11.84 | 0.3089 | 0.3163 | 10% | | |
| $Z_d$ | 380_775 | 17.57 | 18.0 | 21.31 | 0.3089 | 0.3163 | 18% | | |

Parameter:
$Y_{10}$ & Name
Lichtart Q00
$Y_{W,10}$=100, $Y_{N,10}$=10

BGG71−8A