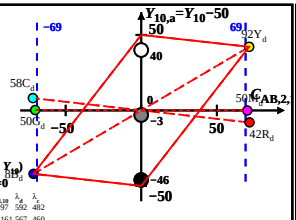
**$XYZ_{W,10}$=97.09 , 99.99 , 104.01**
$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,a,10})\ Y_{10}$
$B_{2,10} = 2{,}5\ B_c\ (b_{2,10} - b_{2,a,10})\ Y_{10}$
$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$
$b_{2,10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$
$a_{20} = 1,\ b_{20} = -0{,}4$
$x_c = 0{,}110,\ B_c = 0{,}800$
$C_{AB2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
**6 *Ostwald*-Farben (o)**
**von maximalem (m) $C_{AB,10}$**
**linearen Farbenraum ($C_{AB2,10}$, $Y_{10}$)**
**Lichtart P60, $Y_{W,10}$=100, $Y_{N,10}$=0**

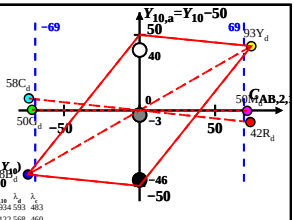



| Name | Bereich | $X_{A,10}$ | $Y_{A,10}$ | $Z_{A,10}$ | $x_{A,10}$ | $y_{A,10}$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 563_775 | 63.61 | 42.02 | 0.2 | 0.6009 | 0.397 | 592 | 482 |
| $Y_d$ | 487_775 | 79.65 | 92.09 | 6.68 | 0.4464 | 0.5161 | 567 | 460 |
| $G_d$ | 487_563 | 16.23 | 50.26 | 6.68 | 0.2218 | 0.6868 | 528 | 528c |
| $C_d$ | 380_563 | 33.67 | 58.17 | 104.01 | 0.1719 | 0.2969 | 482 | 592 |
| $B_d$ | 380_487 | 17.63 | 8.1 | 97.54 | 0.143 | 0.0657 | 460 | 567 |
| $M_d$ | 563_487 | 81.05 | 49.93 | 97.54 | 0.3546 | 0.2184 | 528 | 528c |
| W | 380_775 | 97.09 | 99.99 | 104.01 | 0.3224 | 0.3321 | 100% | |
| $N_d$ | 380_775 | 0.09 | 0.09 | 0.1 | 0.3223 | 0.3319 | 0% | |
| $Z_d$ | 380_775 | 17.47 | 17.99 | 18.72 | 0.3224 | 0.3321 | 18% | |

**Parameter:**
**$Y_{10}$ & Name**
**Lichtart P60**
**$Y_{W,10}$=100, $Y_{N,10}$=0**

BGO00–1A

**$XYZ_{W,10}$=97.65 , 100.0 , 95.55**
$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,a,10})\ Y_{10}$
$B_{2,10} = 2{,}5\ B_c\ (b_{2,10} - b_{2,a,10})\ Y_{10}$
$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$
$b_{2,10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$
$a_{20} = 1,\ b_{20} = -0{,}4$
$x_c = 0{,}110,\ B_c = 0{,}900$
$C_{AB2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
**6 *Ostwald*-Farben (o)**
**von maximalem (m) $C_{AB,10}$**
**linearen Farbenraum ($C_{AB2,10}$, $Y_{10}$)**
**Lichtart P55, $Y_{W,10}$=100, $Y_{N,10}$=0**

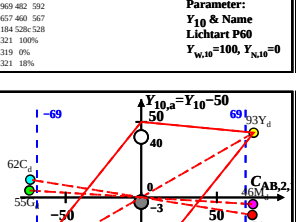



| Name | Bereich | $X_{A,10}$ | $Y_{A,10}$ | $Z_{A,10}$ | $x_{A,10}$ | $y_{A,10}$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 564_775 | 64.96 | 42.26 | 0.19 | 0.6047 | 0.3934 | 593 | 483 |
| $Y_d$ | 488_775 | 81.74 | 92.54 | 6.37 | 0.4524 | 0.5122 | 568 | 460 |
| $G_d$ | 488_564 | 16.97 | 50.47 | 6.37 | 0.2299 | 0.6837 | 529 | 529c |
| $C_d$ | 380_564 | 32.88 | 57.93 | 95.55 | 0.1764 | 0.3108 | 483 | 593 |
| $B_d$ | 380_488 | 16.1 | 7.65 | 89.36 | 0.1423 | 0.0676 | 460 | 568 |
| $M_d$ | 564_488 | 80.87 | 49.72 | 89.36 | 0.3676 | 0.226 | 529 | 529c |
| W | 380_775 | 97.65 | 100.0 | 95.55 | 0.333 | 0.341 | 100% | |
| $N_d$ | 380_775 | 0.09 | 0.1 | 0.09 | 0.3329 | 0.3409 | 0% | |
| $Z_d$ | 380_775 | 17.57 | 18.0 | 17.19 | 0.333 | 0.341 | 18% | |

**Parameter:**
**$Y_{10}$ & Name**
**Lichtart P55**
**$Y_{W,10}$=100, $Y_{N,10}$=0**

BGO00–2A

**$XYZ_{W,10}$=98.51 , 99.99 , 86.17**
$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,a,10})\ Y_{10}$
$B_{2,10} = 2{,}5\ B_c\ (b_{2,10} - b_{2,a,10})\ Y_{10}$
$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$
$b_{2,10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$
$a_{20} = 1,\ b_{20} = -0{,}4$
$x_c = 0{,}110,\ B_c = 1{,}000$
$C_{AB2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
**6 *Ostwald*-Farben (o)**
**von maximalem (m) $C_{AB,10}$**
**linearen Farbenraum ($C_{AB2,10}$, $Y_{10}$)**
**Lichtart P50, $Y_{W,10}$=100, $Y_{N,10}$=0**

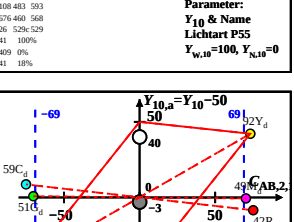



| Name | Bereich | $X_{A,10}$ | $Y_{A,10}$ | $Z_{A,10}$ | $x_{A,10}$ | $y_{A,10}$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 565_775 | 63.3 | 38.43 | 0.17 | 0.6212 | 0.3771 | 597 | 484 |
| $Y_d$ | 489_775 | 84.26 | 92.86 | 5.73 | 0.4608 | 0.5078 | 569 | 461 |
| $G_d$ | 489_565 | 21.15 | 54.63 | 5.73 | 0.2595 | 0.6701 | 534 | 534c |
| $C_d$ | 380_565 | 35.2 | 61.76 | 86.17 | 0.1931 | 0.3369 | 484 | 597 |
| $B_d$ | 380_489 | 14.44 | 7.33 | 80.6 | 0.141 | 0.0716 | 461 | 569 |
| $M_d$ | 565_489 | 77.55 | 45.56 | 80.6 | 0.3806 | 0.2236 | 534 | 534c |
| W | 380_775 | 98.51 | 99.99 | 86.17 | 0.346 | 0.3512 | 100% | |
| $N_d$ | 380_775 | 0.09 | 0.09 | 0.08 | 0.3459 | 0.3511 | 0% | |
| $Z_d$ | 380_775 | 17.73 | 17.99 | 15.51 | 0.346 | 0.3512 | 18% | |

**Parameter:**
**$Y_{10}$ & Name**
**Lichtart P50**
**$Y_{W,10}$=100, $Y_{N,10}$=0**

BGO00–3A

**$XYZ_{W,10}$=99.8 , 100.0 , 75.8**
$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,a,10})\ Y_{10}$
$B_{2,10} = 2{,}5\ B_c\ (b_{2,10} - b_{2,a,10})\ Y_{10}$
$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$
$b_{2,10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$
$a_{20} = 1,\ b_{20} = -0{,}4$
$x_c = 0{,}110,\ B_c = 1{,}100$
$C_{AB2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
**6 *Ostwald*-Farben (o)**
**von maximalem (m) $C_{AB,10}$**
**linearen Farbenraum ($C_{AB2,10}$, $Y_{10}$)**
**Lichtart P45, $Y_{W,10}$=100, $Y_{N,10}$=0**

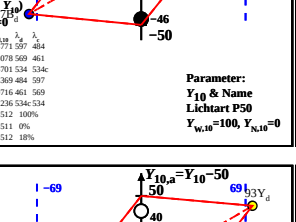



| Name | Bereich | $X_{A,10}$ | $Y_{A,10}$ | $Z_{A,10}$ | $x_{A,10}$ | $y_{A,10}$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 567_775 | 67.63 | 41.54 | 0.15 | 0.6186 | 0.3799 | 597 | 485 |
| $Y_d$ | 490_775 | 87.33 | 92.14 | 3.65 | 0.4768 | 0.5031 | 571 | 465 |
| $G_d$ | 490_567 | 19.89 | 50.8 | 3.65 | 0.2675 | 0.6832 | 536 | 536c |
| $C_d$ | 380_567 | 32.37 | 58.65 | 75.8 | 0.194 | 0.3515 | 485 | 597 |
| $B_d$ | 380_490 | 12.67 | 8.05 | 72.29 | 0.1362 | 0.0865 | 465 | 571 |
| $M_d$ | 567_490 | 80.1 | 49.39 | 72.29 | 0.3969 | 0.2447 | 536 | 536c |
| W | 380_775 | 99.8 | 100.0 | 75.8 | 0.3621 | 0.3628 | 100% | |
| $N_d$ | 380_775 | 0.09 | 0.1 | 0.07 | 0.3619 | 0.3626 | 0% | |
| $Z_d$ | 380_775 | 17.96 | 18.0 | 13.64 | 0.3621 | 0.3628 | 18% | |

**Parameter:**
**$Y_{10}$ & Name**
**Lichtart P45**
**$Y_{W,10}$=100, $Y_{N,10}$=0**

BGO00–4A

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

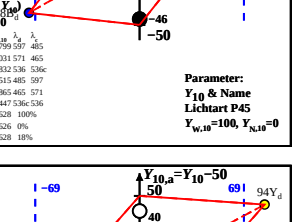



| Name | Bereich | $X_{A,10}$ | $Y_{A,10}$ | $Z_{A,10}$ | $x_{A,10}$ | $y_{A,10}$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 569_775 | 71.44 | 43.5 | 0.12 | 0.6208 | 0.378 | 597 | 487 |
| $Y_d$ | 492_775 | 91.3 | 93.44 | 3.86 | 0.484 | 0.4954 | 572 | 465 |
| $G_d$ | 492_569 | 20.05 | 50.14 | 3.86 | 0.2708 | 0.677 | 535 | 535c |
| $C_d$ | 380_569 | 30.5 | 56.69 | 64.44 | 0.2011 | 0.3738 | 487 | 597 |
| $B_d$ | 380_492 | 10.65 | 6.75 | 60.71 | 0.1363 | 0.0864 | 465 | 572 |
| $M_d$ | 569_492 | 81.89 | 50.05 | 60.71 | 0.425 | 0.2598 | 535c | 535 |
| W | 380_775 | 101.75 | 100.0 | 64.44 | 0.3822 | 0.3756 | 100% | |
| $N_d$ | 380_775 | 0.1 | 0.1 | 0.06 | 0.382 | 0.3755 | 0% | |
| $Z_d$ | 380_775 | 18.31 | 18.0 | 11.6 | 0.3822 | 0.3756 | 18% | |

**Parameter:**
**$Y_{10}$ & Name**
**Lichtart P40**
**$Y_{W,10}$=100, $Y_{N,10}$=0**

BGO00–5A

**$XYZ_{W,10}$=104.71 , 99.99 , 52.16**
$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,a,10})\ Y_{10}$
$B_{2,10} = 2{,}5\ B_c\ (b_{2,10} - b_{2,a,10})\ Y_{10}$
$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$
$b_{2,10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$
$a_{20} = 1,\ b_{20} = -0{,}4$
$x_c = 0{,}110,\ B_c = 1{,}800$
$C_{AB2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
**6 *Ostwald*-Farben (o)**
**von maximalem (m) $C_{AB,10}$**
**linearen Farbenraum ($C_{AB2,10}$, $Y_{10}$)**
**Lichtart P35, $Y_{W,10}$=100, $Y_{N,10}$=0**

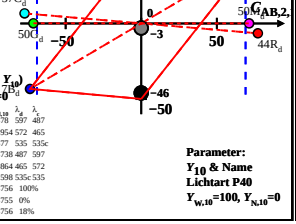



| Name | Bereich | $X_{A,10}$ | $Y_{A,10}$ | $Z_{A,10}$ | $x_{A,10}$ | $y_{A,10}$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 571_775 | 72.46 | 41.57 | 0.1 | 0.6348 | 0.3642 | 601 | 489 |
| $Y_d$ | 494_775 | 96.4 | 94.24 | 3.39 | 0.4968 | 0.4856 | 574 | 466 |
| $G_d$ | 494_571 | 24.15 | 52.86 | 3.39 | 0.3003 | 0.6574 | 540 | 540c |
| $C_d$ | 380_571 | 32.45 | 58.62 | 52.16 | 0.2265 | 0.4092 | 489 | 601 |
| $B_d$ | 380_494 | 8.51 | 5.95 | 48.86 | 0.1344 | 0.094 | 466 | 574 |
| $M_d$ | 571_494 | 80.77 | 47.33 | 48.86 | 0.4563 | 0.2674 | 540c | 540 |
| W | 380_775 | 104.71 | 99.99 | 52.16 | 0.4076 | 0.3892 | 100% | |
| $N_d$ | 380_775 | 0.1 | 0.09 | 0.05 | 0.4074 | 0.3891 | 0% | |
| $Z_d$ | 380_775 | 18.84 | 17.99 | 9.38 | 0.4076 | 0.3892 | 18% | |

**Parameter:**
**$Y_{10}$ & Name**
**Lichtart P35**
**$Y_{W,10}$=100, $Y_{N,10}$=0**

BGO00–6A

**$XYZ_{W,10}$=109.29 , 99.99 , 39.19**
$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,a,10})\ Y_{10}$
$B_{2,10} = 2{,}5\ B_c\ (b_{2,10} - b_{2,a,10})\ Y_{10}$
$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$
$b_{2,10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$
$a_{20} = 1,\ b_{20} = -0{,}4$
$x_c = 0{,}110,\ B_c = 2{,}500$
$C_{AB2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
**6 *Ostwald*-Farben (o)**
**von maximalem (m) $C_{AB,10}$**
**linearen Farbenraum ($C_{AB2,10}$, $Y_{10}$)**
**Lichtart P30, $Y_{W,10}$=100, $Y_{N,10}$=0**

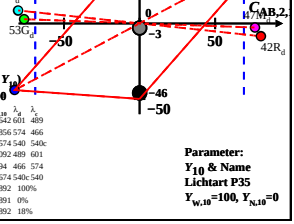



| Name | Bereich | $X_{A,10}$ | $Y_{A,10}$ | $Z_{A,10}$ | $x_{A,10}$ | $y_{A,10}$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 574_775 | 79.56 | 45.25 | 0.07 | 0.637 | 0.3623 | 602 | 491 |
| $Y_d$ | 497_775 | 103.19 | 94.46 | 2.24 | 0.5162 | 0.4725 | 577 | 469 |
| $G_d$ | 497_574 | 23.85 | 49.41 | 2.24 | 0.3159 | 0.6543 | 542 | 542c |
| $C_d$ | 380_574 | 29.95 | 54.94 | 39.19 | 0.2413 | 0.4427 | 491 | 602 |
| $B_d$ | 380_497 | 6.31 | 5.73 | 37.03 | 0.1286 | 0.1168 | 469 | 577 |
| $M_d$ | 574_497 | 85.65 | 50.78 | 37.03 | 0.4937 | 0.2927 | 542c | 542 |
| W | 380_775 | 109.29 | 99.99 | 39.19 | 0.4398 | 0.4024 | 100% | |
| $N_d$ | 380_775 | 0.1 | 0.09 | 0.03 | 0.4396 | 0.4022 | 0% | |
| $Z_d$ | 380_775 | 19.67 | 17.99 | 7.05 | 0.4398 | 0.4024 | 18% | |

**Parameter:**
**$Y_{10}$ & Name**
**Lichtart P30**
**$Y_{W,10}$=100, $Y_{N,10}$=0**

BGO00–7A

**$XYZ_{W,10}$=116.54 , 99.99 , 26.13**
$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,a,10})\ Y_{10}$
$B_{2,10} = 2{,}5\ B_c\ (b_{2,10} - b_{2,a,10})\ Y_{10}$
$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$
$b_{2,10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$
$a_{20} = 1,\ b_{20} = -0{,}4$
$x_c = 0{,}110,\ B_c = 3{,}700$
$C_{AB2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
**6 *Ostwald*-Farben (o)**
**von maximalem (m) $C_{AB,10}$**
**linearen Farbenraum ($C_{AB2,10}$, $Y_{10}$)**
**Lichtart P25, $Y_{W,10}$=100, $Y_{N,10}$=0**




| Name | Bereich | $X_{A,10}$ | $Y_{A,10}$ | $Z_{A,10}$ | $x_{A,10}$ | $y_{A,10}$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 578_775 | 86.13 | 46.78 | 0.05 | 0.6477 | 0.3518 | 605 | 495 |
| $Y_d$ | 500_775 | 112.62 | 94.65 | 1.28 | 0.54 | 0.4538 | 580 | 473 |
| $G_d$ | 500_578 | 26.72 | 48.07 | 1.28 | 0.3512 | 0.6318 | 547 | 547c |
| $C_d$ | 380_578 | 30.64 | 53.41 | 26.13 | 0.278 | 0.4847 | 495 | 605 |
| $B_d$ | 380_500 | 4.15 | 5.54 | 24.9 | 0.1199 | 0.1602 | 473 | 580 |
| $M_d$ | 578_500 | 90.05 | 52.12 | 24.9 | 0.5389 | 0.3119 | 547c | 547 |
| W | 380_775 | 116.54 | 99.99 | 26.13 | 0.4802 | 0.412 | 100% | |
| $N_d$ | 380_775 | 0.11 | 0.09 | 0.02 | 0.48 | 0.4118 | 0% | |
| $Z_d$ | 380_775 | 20.97 | 17.99 | 4.7 | 0.4802 | 0.412 | 18% | |

**Parameter:**
**$Y_{10}$ & Name**
**Lichtart P25**
**$Y_{W,10}$=100, $Y_{N,10}$=0**

BGO00–8A