

$XYZ_{W,10} = 101.75, 100.0, 64.44$

$A_{2,10} = 2,5 (a_{2,10} - a_{2,n,10}) Y_{10}$

$B_{2,10} = 2,5 B_c (b_{2,10} - b_{2,n,10}) Y_{10}$

$a_{2,10} = a_{20} [(x_{10} - x_c) / y_{10}]$

$b_{2,10} = b_{20} [z_{10} / y_{10}]$

$a_{20} = 1, b_{20} = -0,4$

$x_c = 0,110, B_c = 1,300$

$C_{AB2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$

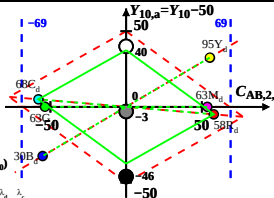
6 Ostwald-Farben (o)

von maximalem (m)  $C_{AB,10}$  im

linearen Farbenraum ( $C_{AB,2,10}, Y_{10}$ )

Lichtart P40,  $Y_{W,10} = 100, Y_{N,10} = 25$

| Name  | Bereich | $X_{d,10}$ | $Y_{d,10}$ | $Z_{d,10}$ | $x_{d,10}$ | $y_{d,10}$ | $\lambda_d$ | $\lambda_c$ |
|-------|---------|------------|------------|------------|------------|------------|-------------|-------------|
| $R_d$ | 569_775 | 79.02      | 57.61      | 16.17      | 0.5171     | 0.3769     | 597         | 487         |
| $Y_d$ | 492_775 | 93.93      | 95.1       | 18.98      | 0.4515     | 0.4571     | 572         | 465         |
| $G_d$ | 492_569 | 40.44      | 62.59      | 18.98      | 0.3314     | 0.5129     | 535         | 535c        |
| $C_d$ | 380_569 | 48.28      | 67.51      | 64.46      | 0.2678     | 0.3745     | 487         | 597         |
| $B_d$ | 380_492 | 33.38      | 30.02      | 61.65      | 0.2669     | 0.24       | 465         | 572         |
| $M_d$ | 569_492 | 86.87      | 62.53      | 61.65      | 0.4115     | 0.2962     | 535c        | 535         |
| $W_d$ | 380_775 | 101.75     | 100.0      | 64.44      | 0.3822     | 0.3756     | 100%        |             |
| $N_d$ | 380_775 | 25.43      | 25.0       | 16.11      | 0.3822     | 0.3756     | 25%         |             |
| $Z_d$ | 380_775 | 18.31      | 18.0       | 11.6       | 0.3822     | 0.3756     | 18%         |             |



Parameter:

$Y_{10}$  & Name

Lichtart P40

$Y_{W,10} = 100, Y_{N,10} = 25$