

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

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

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

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

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

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

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

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

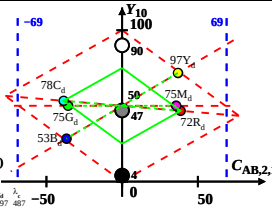
6 Ostwald-Farben (o)

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

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

Lichtart P40,  $Y_{W,10} = 100, Y_{N,10} = 50$

| 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 | 86.63      | 71.77      | 32.28      | 0.4543     | 0.3763     | 597         | 487         |
| $Y_d$ | 492_775 | 96.57      | 96.76      | 34.15      | 0.4244     | 0.4253     | 572         | 465         |
| $G_d$ | 492_569 | 60.91      | 75.09      | 34.15      | 0.3579     | 0.4413     | 535         | 535c        |
| $C_d$ | 380_569 | 66.14      | 78.37      | 64.47      | 0.3164     | 0.375      | 487         | 597         |
| $B_d$ | 380_492 | 56.2       | 53.38      | 62.6       | 0.3264     | 0.3099     | 465         | 572         |
| $M_d$ | 569_492 | 91.86      | 75.05      | 62.6       | 0.4002     | 0.3269     | 535c        | 535         |
| $W_d$ | 380_775 | 101.75     | 100.0      | 64.44      | 0.3822     | 0.3756     | 100%        |             |
| $N_d$ | 380_775 | 50.87      | 50.0       | 32.22      | 0.3822     | 0.3756     | 50%         |             |
| $Z_d$ | 380_775 | 18.31      | 18.0       | 11.6       | 0.3822     | 0.3756     | 18%         |             |



**Parameter:**  
 **$Y_{10}$  & Name**  
**Lichtart P40**  
 **$Y_{W,10} = 100, Y_{N,10} = 50$**