

$XYZ_{W,10} = 104.71, 99.99, 52.16$

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

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

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

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

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

$$x_c = 0,110, B_c = 1,800$$

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

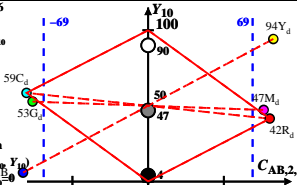
6 Ostwald-Farben (o)

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

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

Lichtart P35,  $Y_{W,10} = 100, Y_{N,10} = 0$

| Name  | Bereich | $X_{d,10}$ | $Y_{d,10}$ | $Z_{d,10}$ | $x_{d,10}$ | $y_{d,10}$ | $\lambda_d$ | $\lambda_c$ |
|-------|---------|------------|------------|------------|------------|------------|-------------|-------------|
| $R_d$ | 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         |
| $W_d$ | 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**  
 **$Y_{W,10} = 100, Y_{N,10} = 0$**