

$XYZ_{W,10}=109.29, 99.99, 39.19$

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

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

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

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

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

$x_c = 0,110, B_c = 2,500$

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

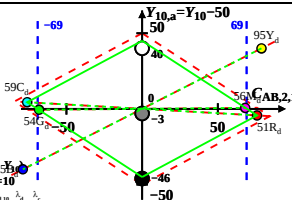
6 Ostwald-Farben (o)

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

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

Lichtart P30,  $Y_{W,10}=100, Y_{N,10}=10$

| Name           | Bereich | $X_{d,10}$ | $Y_{d,10}$ | $Z_{d,10}$ | $x_{d,10}$ | $y_{d,10}$ | $\lambda_d$ | $\lambda_c$ |
|----------------|---------|------------|------------|------------|------------|------------|-------------|-------------|
| R <sub>d</sub> | 574_775 | 82.51      | 50.69      | 3.95       | 0.6015     | 0.3695     | 602         | 491         |
| Y <sub>d</sub> | 497_775 | 103.81     | 95.02      | 5.9        | 0.507      | 0.4641     | 577         | 469         |
| G <sub>d</sub> | 497_574 | 32.33      | 54.43      | 5.9        | 0.3488     | 0.5873     | 542         | 542c        |
| C <sub>d</sub> | 380_574 | 37.82      | 59.41      | 39.2       | 0.2772     | 0.4354     | 491         | 602         |
| B <sub>d</sub> | 380_497 | 16.53      | 15.08      | 37.25      | 0.24       | 0.219      | 469         | 577         |
| M <sub>d</sub> | 574_497 | 88.01      | 55.67      | 37.25      | 0.4864     | 0.3077     | 542c        | 542         |
| W <sub>d</sub> | 380_775 | 109.29     | 99.99      | 39.19      | 0.4398     | 0.4024     | 100%        |             |
| N <sub>d</sub> | 380_775 | 10.92      | 9.99       | 3.91       | 0.4398     | 0.4024     | 10%         |             |
| Z <sub>d</sub> | 380_775 | 19.67      | 17.99      | 7.05       | 0.4398     | 0.4024     | 18%         |             |



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