

$XYZ_W=100.0, 100.0, 100.0$

$A_2 = 2,5 (a_2 - a_{2,n}) Y$

$B_2 = 2,5 B_c (b_2 - b_{2,n}) Y$

$a_2 = a_{20} [ (x - x_c) / y ]$

$b_2 = b_{20} [ z / y ]$

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

$x_c = 0,110, B_c = 0,900$

$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$

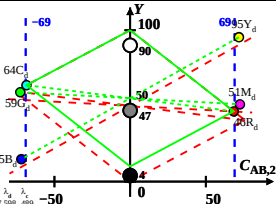
6 Ostwald-Farben (o)

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

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

Lichtart E00,  $Y_W=100, Y_N=10$

| Name  | Bereich | $X_d$ | $Y_d$ | $Z_d$ | $x_d$  | $y_d$  | $\lambda_d$ | $\lambda_c$ |
|-------|---------|-------|-------|-------|--------|--------|-------------|-------------|
| $R_d$ | 570_775 | 68.94 | 46.4  | 10.14 | 0.5494 | 0.3697 | 598         | 489         |
| $Y_d$ | 494_775 | 85.05 | 95.34 | 15.49 | 0.4341 | 0.4867 | 573         | 463         |
| $G_d$ | 494_570 | 26.2  | 59.04 | 15.45 | 0.2601 | 0.5863 | 536         | 536c        |
| $C_d$ | 380_570 | 41.16 | 63.7  | 99.96 | 0.2009 | 0.311  | 489         | 598         |
| $B_d$ | 380_494 | 25.06 | 14.76 | 94.61 | 0.1864 | 0.1098 | 463         | 573         |
| $M_d$ | 570_494 | 83.9  | 51.06 | 94.65 | 0.3654 | 0.2223 | 536c        | 536         |
| $W_d$ | 380_775 | 100.0 | 100.0 | 100.0 | 0.3333 | 0.3333 | 100%        |             |
| $N_d$ | 380_775 | 10.0  | 10.0  | 10.0  | 0.3333 | 0.3333 | 10%         |             |
| $Z_d$ | 380_775 | 18.0  | 18.0  | 18.0  | 0.3333 | 0.3333 | 18%         |             |



Parameter:

Y & Name

Lichtart E00

$Y_W=100, Y_N=10$