

$$XYZ_{W,10}=97.65, 100.0, 95.55$$

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

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

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

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

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

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

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

6 Ostwald colours (o)

of maximum (m)  $C_{AB,10}$  in

chromatic value diagram ( $A_{2,10}, B_{2,10}$ )

Illumin. P55,  $Y_{W,10}=100, Y_{N,10}=50$

| Name  | Range   | $X_{d,10}$ | $Y_{d,10}$ | $Z_{d,10}$ | $x_{d,10}$ | $y_{d,10}$ | $\lambda_d$ | $\lambda_c$ |
|-------|---------|------------|------------|------------|------------|------------|-------------|-------------|
| $R_d$ | 564_775 | 81.34      | 71.15      | 47.87      | 0.4059     | 0.3551     | 593         | 483         |
| $Y_d$ | 488_775 | 89.74      | 96.31      | 50.96      | 0.3786     | 0.4063     | 568         | 460         |
| $G_d$ | 488_564 | 57.32      | 75.26      | 50.96      | 0.3122     | 0.41       | 529         | 529c        |
| $C_d$ | 380_564 | 65.28      | 78.99      | 95.6       | 0.2721     | 0.3293     | 483         | 593         |
| $B_d$ | 380_488 | 56.89      | 53.83      | 92.5       | 0.2799     | 0.2648     | 460         | 568         |
| $M_d$ | 564_488 | 89.3       | 74.88      | 92.5       | 0.3479     | 0.2917     | 529c        | 529         |
| $W_d$ | 380_775 | 97.65      | 100.0      | 95.55      | 0.333      | 0.341      | 100%        |             |
| $N_d$ | 380_775 | 48.82      | 50.0       | 47.77      | 0.333      | 0.341      | 50%         |             |
| $Z_d$ | 380_775 | 17.57      | 18.0       | 17.19      | 0.333      | 0.341      | 18%         |             |

Parameter:  
 $Y_{10}$  & Name  
 Illuminant P55  
 $Y_{W,10}=100, Y_{N,10}=50$

