

$$XYZ_{W,10} = 97.09, 99.99, 104.01$$

$$A_{1,10} = 2,5 (a_{1,10} - a_{1,n,10}) Y_{10}$$

$$B_{1,10} = 2,5 B_c (b_{1,10} - b_{1,n,10}) Y_{10}$$

$$a_{1,10} = a_{20} [(x_{10} - x_c) / y_{10}]$$

$$b_{1,10} = b_{20} [z_{10} / y_{10}]$$

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

$$x_c = 0,110, B_c = 1,000$$

$$C_{AB1,10} = [A_{1,10}^2 + B_{1,10}^2]^{1/2}$$

6 Ostwald colours (o)

of maximum (m) $C_{AB,10}$ in
chromatic value diagram (A_{10}, B_{10})

Illumin. P60, $Y_{W,10} = 100, Y_{N,10} = 50$

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	563_775	80.38	71.03	52.11	0.3949	0.349	592	482
Y_d	487_775	88.41	96.09	55.35	0.3686	0.4006	567	460
G_d	487_563	56.67	75.15	55.35	0.3027	0.4015	528	528c
C_d	380_563	65.4	79.11	104.06	0.263	0.3182	482	592
B_d	380_487	57.37	54.05	100.82	0.2703	0.2546	460	567
M_d	563_487	89.11	74.99	100.82	0.3363	0.283	528c	528
W_d	380_775	97.09	99.99	104.01	0.3224	0.3321	100%	
N_d	380_775	48.54	49.99	52.0	0.3224	0.3321	50%	
Z_d	380_775	17.47	17.99	18.72	0.3224	0.3321	18%	

Parameter:
 Y_{10} & Name
Illuminant P60
 $Y_{W,10} = 100, Y_{N,10} = 50$

