

$$XYZ_{W,10} = 99.8, 100.0, 75.8$$

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

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

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

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

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

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

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

6 Ostwald colours (o)

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

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

Illumin. P45, $Y_{W,10} = 100, Y_{N,10} = 10$

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	567_775	70.82	47.34	7.65	0.5628	0.3762	597	485
Y_d	490_775	88.57	92.93	10.81	0.4605	0.4832	571	465
G_d	490_567	27.82	55.69	10.81	0.2949	0.5903	536	536c
C_d	380_567	39.06	62.76	75.81	0.2198	0.3533	485	597
B_d	380_490	21.31	17.17	72.65	0.1917	0.1545	465	571
M_d	567_490	82.06	54.41	72.65	0.3923	0.2602	536c	536
W_d	380_775	99.8	100.0	75.8	0.3621	0.3628	100%	
N_d	380_775	9.98	10.0	7.58	0.3621	0.3628	10%	
Z_d	380_775	17.96	18.0	13.64	0.3621	0.3628	18%	

Parameter:
 Y_{10} & Name
 Illuminant P45
 $Y_{W,10} = 100, Y_{N,10} = 10$

