

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

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

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

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

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

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

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

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

6 Ostwald colours (o)

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

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

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

