

$XYZ_{W,10} = 104.71, 99.99, 52.16$

$$A_{10} = 2,5 (a_{10} - a_{n10}) Y_{10}$$

$$B_{10} = 2,5 B_c (b_{10} - b_{n10}) Y_{10}$$

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

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

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

$$x_c = 0,000, \quad B_c = 1,000$$

$$C_{AB10} = [A_{10}^2 + B_{10}^2]^{1/2}$$

6 Ostwald colours (o)

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

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

Illumin. P35,  $Y_{W,10} = 100, Y_{N,10} = 10$

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	$\lambda_d$	$\lambda_c$
$R_d$	571_775	75.67	47.37	5.26	0.5897	0.3692	601	489
$Y_d$	494_775	97.24	94.82	8.23	0.4854	0.4734	574	466
$G_d$	494_571	32.14	57.54	8.23	0.3282	0.5876	540	540c
$C_d$	380_571	39.62	62.73	52.16	0.2564	0.4059	489	601
$B_d$	380_494	18.05	15.28	49.2	0.2187	0.1851	466	574
$M_d$	571_494	83.15	52.56	49.2	0.4496	0.2842	540c	540
$W_d$	380_775	104.71	99.99	52.16	0.4076	0.3892	100%	
$N_d$	380_775	10.47	9.99	5.21	0.4076	0.3892	10%	
$Z_d$	380_775	18.84	17.99	9.38	0.4076	0.3892	18%	

Parameter:  
 $Y_{10}$  & Name  
 Illuminant P35  
 $Y_{W,10} = 100, Y_{N,10} = 10$

