

$XYZ_{W,10} = 111.15, 99.99, 35.19$

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

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

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

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

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

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

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

6 Ostwald colours (o)

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

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

Illumin. A00,  $Y_{W,10} = 100, Y_{N,10} = 0$

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	$\lambda_d$	$\lambda_c$
$R_d$	575_775	76.86	41.39	0.07	0.6496	0.3498	606	493
$Y_d$	498_775	105.7395	107	2.27	0.5206	0.4681	577	469
$G_d$	498_575	29.08	53.88	2.27	0.3412	0.6321	546	546c
$C_d$	380_575	34.5	58.8	35.19	0.2685	0.4576	493	606
$B_d$	380_498	5.63	5.12	32.99	0.1288	0.117	469	577
$M_d$	575_498	82.28	46.31	32.99	0.5091	0.2865	546c	546
$W_d$	380_775	111.1599	99.99	35.19	0.4511	0.4059	100%	
$N_d$	380_775	0.11	0.09	0.03	0.451	0.4057	0%	
$Z_d$	380_775	20.0	18.0	6.33	0.4511	0.4059	18%	

Parameter:  
 $Y_{10}$  & Name  
 Illuminant A00  
 $Y_{W,10} = 100, Y_{N,10} = 0$

