

$$XYZ_{W,10} = 99.99, 99.99, 100.0$$

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

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

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

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

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

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

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

6 Ostwald colours (o)

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

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

Illumin. E00, $Y_{W,10} = 100, Y_{N,10} = 10$

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	$62C_d$
R _d	564_775	69.56	48.14	10.1	0.5442	0.3767	594	482
Y _d	487_775	84.85	93.29	15.74	0.4376	0.4811	568	459
G _d	487_564	25.39	55.24	15.74	0.2634	0.5731	530	530c
C _d	380_564	40.53	61.96	100.01	0.2001	0.3059	482	594
B _d	380_487	25.24	16.81	94.37	0.185	0.1232	459	568
M _d	564_487	84.7	54.86	94.37	0.362	0.2345	530c	530
W _d	380_775	99.99	99.99	100.0	0.3333	0.3333	100%	
N _d	380_775	9.99	9.99	10.0	0.3333	0.3333	10%	
Z _d	380_775	17.99	17.99	18.0	0.3333	0.3333	18%	

Parameter:
 Y_{10} & Name
 Illuminant E00
 $Y_{W,10} = 100, Y_{N,10} = 10$

