

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

$$A_{1,10} = 2.5 (a_{1,10} - a_{1,n,10}) Y_{10}$$

$$B_{1,10} = 2.5 B_c (b_{1,10} - b_{1,n,10}) Y_{10}$$

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

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

$$a_{20} = 1, b_{20} = -0.4$$

$$x_c = 0.110, B_c = 1.000$$

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

6 Ostwald colours (o)

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

chromatic value diagram ($A_{1,10}, B_{1,10}$)

Illumin. E00, $Y_{W,10} = 100, Y_{N,10} = 4$

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R _d	564_775	67.52	44.68	4.1	0.5805	0.3841	594	482
Y _d	487_775	83.83	92.83	10.12	0.4488	0.4969	568	459
G _d	487_564	20.41	52.25	10.12	0.2465	0.6311	530	530c
C _d	380_564	36.56	59.41	100.01	0.1865	0.3031	482	594
B _d	380_487	20.25	11.26	93.99	0.1613	0.0897	459	568
M _d	564_487	83.68	51.85	93.99	0.3645	0.2259	530c	530
W _d	380_775	99.99	99.99	100.0	0.3333	0.3333	100%	
N _d	380_775	3.99	3.99	4.0	0.3332	0.3333	4%	
Z _d	380_775	17.99	17.99	18.0	0.3333	0.3333	18%	

