

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

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

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

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

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

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

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

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

6 Ostwald colours (o)

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

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

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

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	$\lambda_d$	$59C_d$
R <sub>d</sub>	564_775	67.52	44.68	4.1	0.5805	0.3841	594	482
Y <sub>d</sub>	487_775	83.83	92.83	10.12	0.4488	0.4969	568	459
G <sub>d</sub>	487_564	20.41	52.25	10.12	0.2465	0.6311	530	530c
C <sub>d</sub>	380_564	36.56	59.41	100.01	0.1865	0.3031	482	594
B <sub>d</sub>	380_487	20.25	11.26	93.99	0.1613	0.0897	459	568
M <sub>d</sub>	564_487	83.68	51.85	93.99	0.3645	0.2259	530c	530
W <sub>d</sub>	380_775	99.99	99.99	100.0	0.3333	0.3333	100%	
N <sub>d</sub>	380_775	3.99	3.99	4.0	0.3332	0.3333	4%	
Z <sub>d</sub>	380_775	17.99	17.99	18.0	0.3333	0.3333	18%	

Parameter:

$Y_{10}$  & Name

Illuminant E00

$Y_{W,10} = 100, Y_{N,10} = 4$

