

$$XYZ_{W,10} = 109.29, 99.99, 39.19$$

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

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

$$a_{2,10} = a_{20} [(x_{10} - x_c) / y_{10}]$$

$$b_{2,10} = b_{20} [z_{10} / y_{10}]$$

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

$$x_c = 0,110, \quad B_c = 2,500$$

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

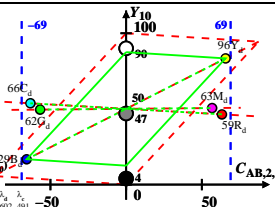
6 Ostwald-Farben (o)

von maximalem (m)  $C_{AB,10}$

linearen Farbenraum ( $C_{AB,2,10}, Y_{10}$ )

Lichtart P30,  $Y_{W,10} = 100, Y_{N,10} = 25$

Name	Bereich	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	$\lambda_d$	$\lambda_c$
$R_d$	574_775	86.99	58.92	9.83	0.5585	0.3782	602	491
$Y_d$	497_775	104.74	95.87	11.46	0.4938	0.452	577	469
$G_d$	497_574	45.17	62.04	11.46	0.3806	0.5227	542	542c
$C_d$	380_574	49.75	66.19	39.2	0.3206	0.4266	491	602
$B_d$	380_497	32.0	29.25	37.58	0.3238	0.2959	469	577
$M_d$	574_497	91.57	63.07	37.58	0.4763	0.3281	542c	542
$W_d$	380_775	109.29	99.99	39.19	0.4398	0.4024	100%	
$N_d$	380_775	27.32	24.99	9.79	0.4398	0.4024	25%	
$Z_d$	380_775	19.67	17.99	7.05	0.4398	0.4024	18%	



**Parameter:**  
 **$Y_{10}$  & Name**  
**Lichtart P30**  
 **$Y_{W,10} = 100, Y_{N,10} = 25$**