

$XYZ_W=109.84, 99.99, 35.58$

$A_2 = 2,5 (a_2 - a_{2,n}) Y$

$B_2 = 2,5 (b_2 - b_{2,n}) Y$

$a_2 = a_{20} [(x - x_c) / y]$

$b_2 = b_{20} B_c [z / y]$

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

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

$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$

6 Ostwald-Farben (o),  $C_{AB,2} = \text{const}$

Farbenraum ( $C_{AB,2}, L_{CIE}^*$ )

$L_{CIE}^* = 116(Y/100)^{1/3} - 16$  ( $Y > 0,8856$ ) oder  $22B_d$

$L_{CIE}^* = 116[(841/108)(Y/100) + 4/29] - 16$

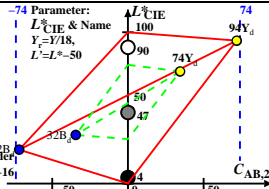
Lichtart A00,  $Y_W=54,0, Y_N=6,0$

-74 Parameter:

$L_{CIE}^*$  & Name

$Y_r = Y/18,$

$L' = L^* - 50$



Name	Bereich	X	Y	Z	x	y	$\lambda_d$	$\lambda_c$	$a_2$	$b_2$	$c_2$	$A_2$	$B_2$	$C_{AB,2}$	$h_{AB,2}$	$Y_r$	$L_{CIE}^*$	$L_{CIE}^*$	$L_{Tur}^*$	$L_{Tar}^*$
R	579_775	40.44	23.98	1.93	0.609	0.361605	499	1.381	-0.08	0.618	33.1	16.4	37.0	26	1.33	56.0	56.6	57.1	56.1	
Y <sub>o</sub>	504_775	51.06	46.86	2.93	0.506	0.464581	474	0.852	-0.062	0.294	2.8	34.3	34.4	85	2.6	74.1	74.8	73.7	69.6	
G	504_579	16.55	28.28	2.91	0.346	0.592547	547	0.399	-0.103	0.497	-30.3	17.8	35.1	149	1.57	60.1	60.7	61.2	59.6	
C <sub>o</sub>	380_579	18.87	30.01	17.27	0.285	0.453499	605	0.386	-0.575	0.493	-33.1	-16.4	37.0	206	1.66	61.6	62.2	62.7	60.9	
B	380_504	8.25	7.13	16.28	0.26	0.225474	581	0.668	-2.281	1.932	-2.8	-34.3	34.4	265	0.39	32.1	32.4	27.0	30.9	
M	579_504	42.76	25.71	16.3	0.504	0.303547	547	1.3	-0.633	0.547	30.3	-17.8	35.1	329	1.42	57.7	58.3	58.8	57.6	
W <sub>o</sub>	380_775	59.31	53.99	19.21	0.447	0.407	54%	0.828	-0.355	0.01	0.0	0.0	0.0	0	3.0	78.4	79.2	77.3	72.1	
N <sub>d</sub>	380_775	6.59	5.99	2.13	0.447	0.407	6%	0.828	-0.355	0.01	0.0	0.0	0.0	176	0.33	29.4	29.7	22.6	27.8	
U <sub>d</sub>	380_775	19.77	17.99	6.4	0.447	0.407	18%	0.828	-0.355	0.01	0.0	0.0	0.0	163	1.0	49.5	50.0	50.0	50.0	