

$XYZ_W = 96.42, 100.0, 82.49$

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

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

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

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

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

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

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

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

Farbenraum ( $C_{AB,2} Y$ )

$Y = 18Y_r$

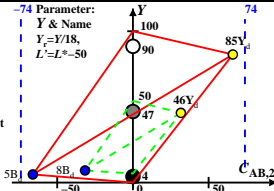
-74 Parameter:

$Y \text{ \& Name}$

$Y_r = Y/18,$

$L' = L^* - 50$

74



Lichtart D50,  $Y_W = 54.0, Y_N = 6.0$

| Name           | Bereich | X     | Y     | Z     | x     | y        | $\lambda_d$ | $\lambda_c$ | $a_2$  | $b_2$  | $c_2$ | $A_2$ | $B_2$ | $C_{AB,2}$ | $h_{AB,2}$ | $Y_r$ | $L'_{CIE}$ | $L'_{CI}$ | $L'_{TU}$ | $L'_{TA}$ |
|----------------|---------|-------|-------|-------|-------|----------|-------------|-------------|--------|--------|-------|-------|-------|------------|------------|-------|------------|-----------|-----------|-----------|
| R              | 570_775 | 33.24 | 22.67 | 4.47  | 0.55  | 0.375598 | 491         | 1.172       | -0.078 | 0.573  | 29.2  | 14.2  | 32.5  | 25         | 1.25       | 4.7   | 5.2        | 5.7       | 4.9       |           |
| Y <sub>o</sub> | 496_775 | 41.1  | 46.02 | 6.29  | 0.44  | 0.492573 | 468         | 0.669       | -0.054 | 0.275  | 1.4   | 31.6  | 31.7  | 87         | 2.55       | 23.5  | 24.3       | 23.3      | 19.3      |           |
| G              | 496_570 | 13.07 | 28.74 | 6.27  | 0.271 | 0.597538 | 538         | 0.27        | -0.087 | 0.456  | -27.7 | 17.4  | 32.8  | 147        | 1.59       | 10.5  | 11.1       | 11.6      | 10.0      |           |
| C <sub>o</sub> | 380_570 | 18.82 | 31.32 | 40.07 | 0.208 | 0.347491 | 598         | 0.284       | -0.511 | 0.415  | -29.2 | -14.2 | 32.5  | 205        | 1.74       | 12.7  | 13.4       | 13.7      | 11.8      |           |
| B              | 380_496 | 10.96 | 7.97  | 38.25 | 0.191 | 0.139468 | 573         | 0.585       | -1.917 | 1.589  | -1.4  | -31.6 | 31.7  | 267        | 0.44       | -16.0 | -15.7      | -20.2     | -16.9     |           |
| M              | 570_496 | 38.99 | 25.25 | 38.27 | 0.38  | 0.246538 | 538         | 1.097       | -0.606 | 0.519  | 27.7  | -17.4 | 32.8  | 327        | 1.4        | 7.3   | 7.9        | 8.4       | 7.3       |           |
| W <sub>d</sub> | 380_775 | 52.06 | 54.0  | 44.54 | 0.345 | 0.358    | 54%         |             | 0.657  | -0.329 | 0.01  | 0.0   | 0.0   | 0.0        | 0          | 3.0   | 28.4       | 29.2      | 27.3      | 22.1      |
| N <sub>d</sub> | 380_775 | 5.78  | 6.0   | 4.94  | 0.345 | 0.358    | 6%          |             | 0.657  | -0.329 | 0.01  | 0.0   | 0.0   | 0.0        | 181        | 0.33  | -20.5      | -20.2     | -27.3     | -22.1     |
| U <sub>d</sub> | 380_775 | 17.35 | 18.0  | 14.84 | 0.345 | 0.358    | 18%         |             | 0.657  | -0.329 | 0.01  | 0.0   | 0.0   | 0.0        | 201        | 1.0   | -0.4       | 0.0       | 0.0       | 0.0       |