

$XYZ_W=96.42, 100.0, 82.49$

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

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

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

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

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

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

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

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

Farbenraum ( $C_{AB,2}, L^*_{TUR}$ )

$L^*_{TUR} = 50 + 40[Y_r / \log(5)]$

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

| Name           | Bereich | X     | Y     | Z     | x     | y        | $\lambda_d$ | $\lambda_c$ | $a_2$  | $b_2$  | $A_2$ | $B_2$ | $C_{AB,2}$ | $h_{AB,2}$ | $Y_r$ | $L^*_{CIE}$ | $L^*_{Clr}$ | $L^*_{TUR}$ | $L^*_{TAR}$ |       |
|----------------|---------|-------|-------|-------|-------|----------|-------------|-------------|--------|--------|-------|-------|------------|------------|-------|-------------|-------------|-------------|-------------|-------|
| R <sub>n</sub> | 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>n</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 <sub>n</sub> | 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>n</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        | 1.94  | 12.7        | 13.4        | 13.7        | 11.8        |       |
| B <sub>n</sub> | 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 <sub>n</sub> | 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>n</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          | 3.0   | 28.4        | 29.2        | 27.3        | 22.1        |       |
| N <sub>n</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          | 181   | 0.33        | -20.5       | -20.2       | -27.3       | -22.1 |
| U <sub>n</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          | 1.0   | -0.4        | 0.0         | 0.0         | 0.0         |       |

