

$\log(T^*)$

LABJNDu5-Dreieckshelligkeit T^*

$$Y_{nc} = L^* \cdot w_{RGB} = 100, 52, 87, 31$$

T^*

4 10000

$$T^*_{LABJNDu5} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$T^*_{LABJNDu5} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

$$T^*_N(3,6) = 146, T^*_u(18) = 332, T^*_{W(90)} = 517$$

3 1000

$$\log[T^*/T^*_u] = 0, m_u = 0,33$$

$$L^*_u = 49, T^*_u = 332$$

2 100

$$T^*_{90} = 517,21, A_{1n} = 2,5, A_{2u} = 0,1044, c_x = 1,00$$

$$T^*_{18} = 332,22, A_{1n} = 0,17, A_{2n} = 0,0058$$

$$T^*_{3,6} = 146,11, T^*_u = 332,22, Y_u = 18$$

Anwendungsbereich

1 0,1 10 100 Y
-2 -1 0 1 2 $\log(Y)$
 $x_N = 0,2$ $x_u = 1$ $x_W = 5$