

L^* LABJNDu4-Normhelligkeit L^*

$$Y_{nc} = L^*_{wRGBnc} = 100, \text{ 52, 87, 31}$$

 L^*

4 10000

$$L^*_{LABJNDu4} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$L^*_{LABJNDu4} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

$$L^*_{N(3,6)} = 348, L^*_u(18) = 791, L^*_{w(90)} = 1231$$

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

$$L^*_u = 49, L^*_u = 791$$

2 100

$$L^*_{90} = 1231,47, A_{0n} = 0,5, A_{2u} = 0,0438, c_x = 0,42$$

$$L^*_{18} = 791,01, A_{1n} = 0,007, A_{2n} = 0,0024$$

$$L^*_{3,6} = 347,89, L^*_u = 791,01, Y_u = 18$$

Anwendungsbereich

1

0,1

-1

1

0

10

1

100

2

 $x_u = 1$ $x_w = 5$ Y $\log(Y)$