

l^* LABJND_{u4}-Normhelligkeit l^*

$$Y_{nc} = Y_{WRGBnc} = 100, 21, 72, 7$$

 l^*

4 10000

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

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

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

3 1000

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

$$L^*_u = 49, \quad l^*_u = 332$$

2 100

Anwendungsbereich

1

0,1

1

10

 $x_u = 1$ 100 Y

-2

-1

0

 $x_N = 0,2$

1

 $x_W = 5$

2

 $\log(Y)$