

$\Delta Y / \Delta Y_u$

HAULAB-Normfarbwertdifferenz

 ΔY normiert für ΔY_u $\Delta Y / \Delta Y_u$

6

4

2

0

$$L^* = s(Y/Y_n)^n - d \quad (Y_n=100, Y_u=19, s=134,6, n=0,31, d=30,7) \quad [1a]$$

$$L^* = r(Y/Y_u)^n - d \quad (r = s(Y_u/Y_n)^n = 79,10, L^*_u = r - d = 48,3) \quad [1b]$$

$$dY = [Y_n / (n s)] (Y / Y_n)^{1-n} \quad [2c]$$

$$dY_u = [Y_n / (n s)] (Y_u / Y_n)^{1-n} = 1,4083 \quad [2d]$$

$$dY / dY_u = (Y / Y_u)^{1-n} \quad [2e]$$

$\varphi=120'$
 $L_{aw}=200 \text{ cd/m}^2$

Anwendungsbereich

$m_{u90} = 4 = 0,022, f_{90}=2, f_4=0$

$m_u = 1,550$

0,1

1

0,130

10

1

19

100

18

100

log Y

3,121

1,028