

$\Delta Y/\Delta Y_u$ 

HAULAB-Normfarbwertdifferenz

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

$$L^* = s(Y/Y_n)^n - d \quad (Y_n=100, Y_u=11, s=134,6, n=0,31, d=19,2) \quad [1a]$$

$$L^* = r(Y/Y_u)^n - d \quad (r = s(Y_u/Y_n)^n = 79,10, L^*_u = r - d = 59,8) \quad [1b]$$

6

4

2

0

Y\_curve, ij=3, Yuij=11, L\*uij=50

k=99, Ykij=100, L\*kij=115,3,  $\Delta Y/\Delta Y_u=4,38$ k=11, Ykij=12, L\*kij=50,4,  $\Delta Y/\Delta Y_u=1,01$ k=1, Ykij=2, L\*kij=20,7,  $\Delta Y/\Delta Y_u=0,29$ k=0, Ykij=1, L\*kij=12,9,  $\Delta Y/\Delta Y_u=0,18$ 

$$4,383 \quad L^*_{TUB}/L^*_{H(100),u} = (Y/Y_u)^u$$

$$\varphi=120'$$

$$L_{aw}=40 \text{ cd/m}^2$$

Anwendungsbereich

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

$$m_u = 1,569$$

0,1

0,182

1,072

10

 $Y_u=11$ 

100

log Y