

$\Delta Y/\Delta Y_u$

HAULAB tristimulus value difference

 $\Delta Y/\Delta Y_u$ ΔY normalized to ΔY_u

6

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

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

4

Y_curve, ij=3, Y_uij=11, L^*uij=50

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

2

 $\phi=120'$ $L_{aw}=40 \text{ cd/m}^2$ application
range $m_{u90} = 0,022, f_{90}=2, f_4=0$ $m_u = 1,569$

0

0,1

0,182

10

Y_u=18 100

Y_u=11

log Y

4,383

1,072