

$\Delta Y/\Delta Y_u$

HAULAB tristimulus value difference

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

6

$$L^* = s(Y/Y_n)^n - d \quad (Y_n=100, Y_u=28, s=153,7, n=0,31, d=53,7) \quad [1a]$$

$$L^* = r(Y/Y_u)^n - d \quad (r = s(Y_u/Y_n)^n = 90,34, L^*_u = r - d = 36,6) \quad [1b]$$

$Y_{curve}, ij=28, Y_{uij}=28, L^*_{uij}=50$

4

$k=99, Y_{kij}=400, L^*_{kij}=172,2, \Delta Y/\Delta Y_u=2,40$

$k=28, Y_{kij}=329, L^*_{kij}=160,1, \Delta Y/\Delta Y_u=1,02$

$k=1, Y_{kij}=302, L^*_{kij}=155,0, \Delta Y/\Delta Y_u=0,16$

$k=0, Y_{kij}=301, L^*_{kij}=154,8, \Delta Y/\Delta Y_u=0,10$

2

$m_{u90} = 0,019, f_{90}=1, f_4=0$

$m_u = 1,566$

0

0,1

1

1

2

log Y

$\phi=30'$
 $L_{aw} = 300 \text{ cd/m}^2$

application
range

2,400

1,021

0,16

0,10

$Y_u=18$
 $Y_u=28$

7,286