

$\Delta Y/\Delta Y_u$

HAULAB tristimulus value difference

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

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

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

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Y_curve, ij=3, Yuij=11, L*uij=50

k=99, Ykij=400, L*kij=187,5, $\Delta Y/\Delta Y_u=4,38$ k=11, Ykij=312, L*kij=172,2, $\Delta Y/\Delta Y_u=1,01$ k=1, Ykij=302, L*kij=170,3, $\Delta Y/\Delta Y_u=0,29$ k=0, Ykij=301, L*kij=170,1, $\Delta Y/\Delta Y_u=0,18$

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 $\phi=120^\circ$ $L_{aw}=40 \text{ cd/m}^2$

application range

 $m_{u90} = 0,022, f_{90}=2, f_4=0$ $m_u = 1,569$

0

0,1

0,29

1,072

1,01

4,383

 $Y_u=18$ $Y_u=11$

log Y