

$(Y/\Delta Y) / (Y/\Delta Y)_u$

HAULAB-Y-Kontrast
normiert für $(Y/\Delta Y)_u$

$$C_r/C_{ru} = (Y/\Delta Y) / (Y/\Delta Y)_u$$

$$L^* = s(Y/Y_n)^n - d \quad (Y_n=100, Y_u=22, s=134,6, n=0,31, d=34,6) \quad [1a]$$

$$L^* = r(Y/Y_u)^n - d \quad (r = s(Y_u/Y_n)^n = 79,10, L^*_u = r - d = 44,4) \quad [1b]$$

$$Y/dY = Y / \{ [(Y_n / (n s))] (Y / Y_n)^{1-n} \} \quad [4c]$$

Y_curve, ij=0, Yuij=22, L*uij=50

k=99, Ykij=100, L*kij=99,9, $(Y/\Delta Y)/(Y/\Delta Y)_u = 1,59$

k=22, Ykij=23, L*kij=50,7, $(Y/\Delta Y)/(Y/\Delta Y)_u = 1,00$

k=1, Ykij=2, L*kij=5,4, $(Y/\Delta Y)/(Y/\Delta Y)_u = 0,47$

k=0, Ykij=1, L*kij=-2,3, $(Y/\Delta Y)/(Y/\Delta Y)_u = 0,38$

$$m_{u90} = 17,778, f_{90} = 40, f_4 = 16$$

$$m_u = 0,688$$

$$\phi = 120' = 2^\circ$$

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

Anwendungsbereich

