

$L^*_{80}/L^*_{80,u}$
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HAULAB lightness L^*_{80} normalized to the background lightness $L^*_{80,u}$

$L^* = s(Y/Y_u)^n - d$ ($Y_n=100, Y_u=23, s=137,2, n=0,31, d=37,2$) [1a]
 $L^* = r(Y/Y_u)^n - d$ ($r = s(Y_u/Y_n)^n = 80,63, L^*_u = r - d = 43,4$) [1b]

$Y_{curve}, ij=14, Y_{uij}=23, L^*_{uij}=50$
 $k=99, Y_{kij}=500, L^*_{kij}=187,0, L^*/L^*_u=2,00$
 $k=23, Y_{kij}=424, L^*_{kij}=176,0, L^*/L^*_u=1,01$
 $k=1, Y_{kij}=402, L^*_{kij}=172,5, L^*/L^*_u=0,07$
 $k=0, Y_{kij}=401, L^*_{kij}=172,4, L^*/L^*_u=-0,08$

$m_{u90} = 0,919, f_{90}=96, f_4=16$
 $m_u = 1,205$

$\phi=90'$
 $L_{aw} = 300 \text{ cd/m}^2$
 application range

