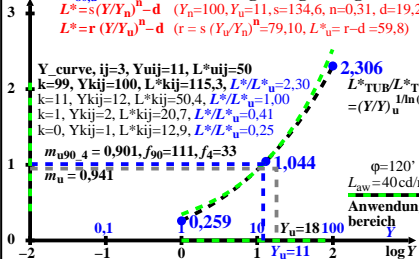


$L^*_{80}/L^*_{80,u}$
 $L^*/L^*_{80,u}$

HAULAB-Helligkeit L^*_{80} normiert für die Umgebungshelligkeit $L^*_{80,u}$

$L^* = s(Y/Y_u)^n - d$ ($Y_n=100, Y_u=11, s=134,6, n=0,31, d=19,2$) [1a]
 $L^* = r(Y/Y_u)^n - d$ ($r = s(Y_u/Y_n)^n = 79,10, L^*_u = r - d = 59,8$) [1b]



$Y_curve, ij=3, Y_{uij}=11, L^*_{uij}=50$
 $k=99, Y_{kij}=100, L^*_{kij}=115,3, L^*/L^*_u=2,30$
 $k=11, Y_{kij}=12, L^*_{kij}=50,4, L^*/L^*_u=1,00$
 $k=1, Y_{kij}=2, L^*_{kij}=20,7, L^*/L^*_u=0,41$
 $k=0, Y_{kij}=1, L^*_{kij}=12,9, L^*/L^*_u=0,25$

$L^*_{TUB}/L^*_{TUB,u}$
 $= (Y/Y_u)^{1/\ln(10)}$

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