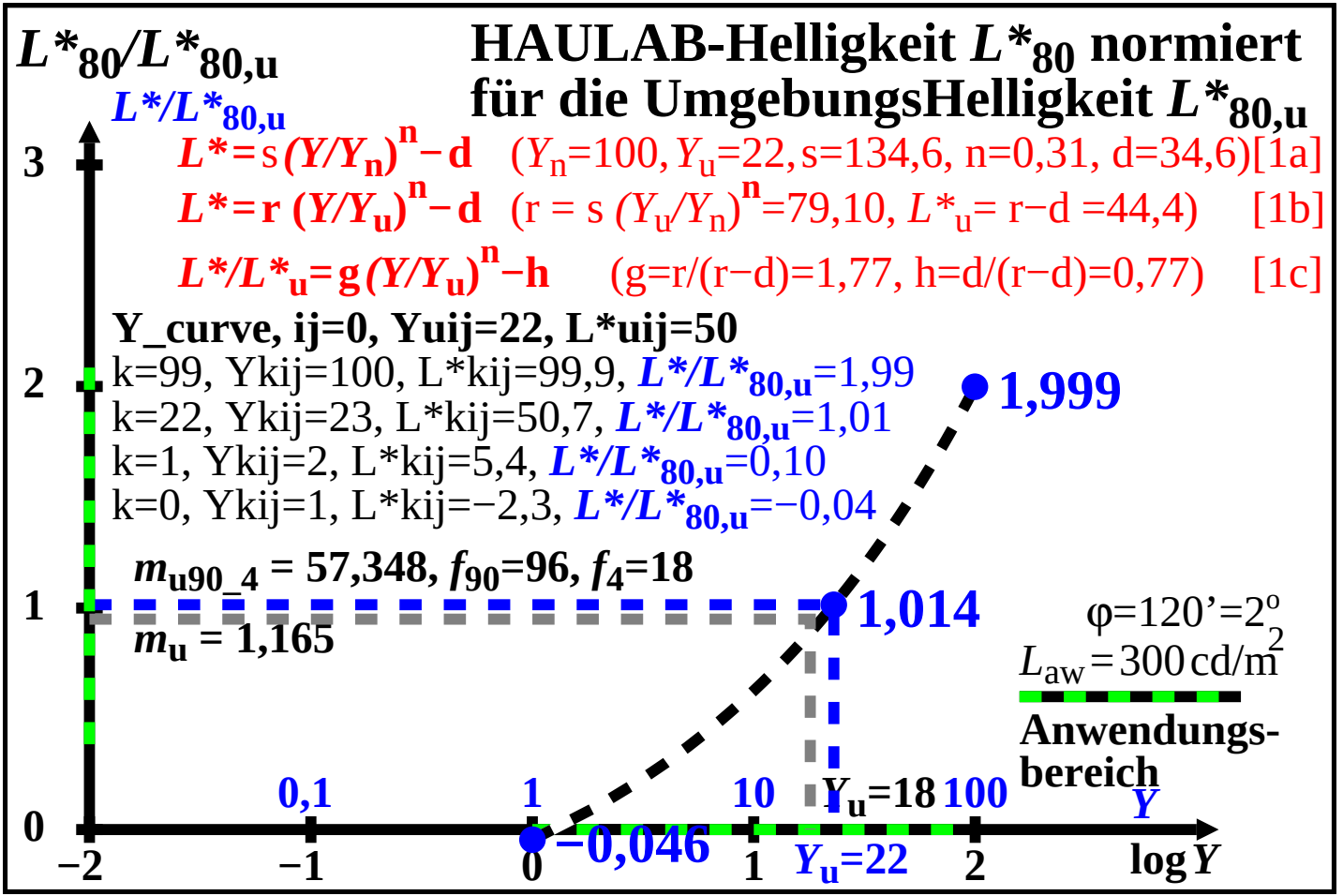
L*80/L*80,u
HAULAB-Helligkeit L*80 normiert
für die UmgebungsHelligkeit L*80,u
L*/L*80,u
L*=s(Y/Yn)^n−d (Yn=100, Yu=22, s=134,6, n=0,31, d=34,6)[1a]
L*=r (Y/Yu)^n−d (r = s (Yu/Yn)^n=79,10, L*u= r−d =44,4) [1b]
L*/L*u=g(Y/Yu)^n−h (g=r/(r−d)=1,77, h=d/(r−d)=0,77) [1c]
Y_curve, ij=0, Yuij=22, L*uij=50
k=99, Ykij=100, L*kij=99,9, L*/L*80,u=1,99
k=22, Ykij=23, L*kij=50,7, L*/L*80,u=1,01
k=1, Ykij=2, L*kij=5,4, L*/L*80,u=0,10
k=0, Ykij=1, L*kij=−2,3, L*/L*80,u=−0,04
mu90_4 = 57,348, f90=96, f4=18
mu = 1,165
1,999
1,014
−0,046
φ=120'=2°
Law=300 cd/m2
Anwendungs-
bereich
Y
Yu=18
Yu=22
log Y
3
2
1
0
−2
−1
0
1
2
0,1
1
10
100

hgn00−1a