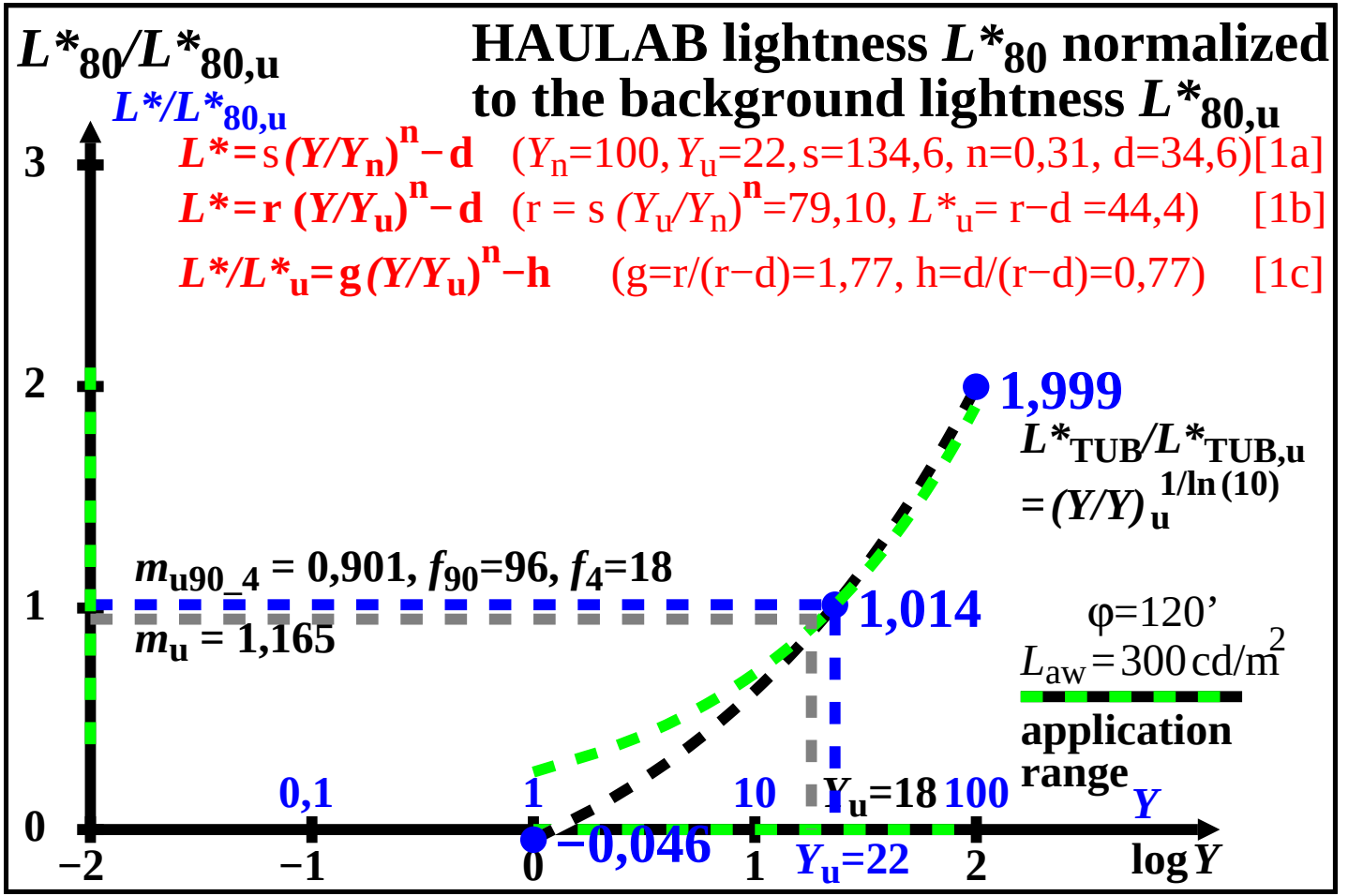
L*80/L*80,u
HAULAB lightness L*80 normalized to the background lightness L*80,u
L*/L*80,u
L*=s(Y/Yn)n−d (Yn=100, Yu=22, s=134,6, n=0,31, d=34,6)[1a]
L*=r (Y/Yu)n−d (r = s (Yu/Yn)n=79,10, L*u= r−d =44,4) [1b]
L*/L*u=g(Y/Yu)n−h (g=r/(r−d)=1,77, h=d/(r−d)=0,77) [1c]
3
2
1
0
1,999
L*TUB/L*TUB,u
=(Y/Y)u1/ln(10)
mu90_4 = 0,901, f90=96, f4=18
mu = 1,165
1,014
φ=120'
Law=300 cd/m2
application range
0,1
1
10
Yu=18
100
Y
−0,046
Yu=22
−2
−1
0
1
2
log Y

heo80−1a