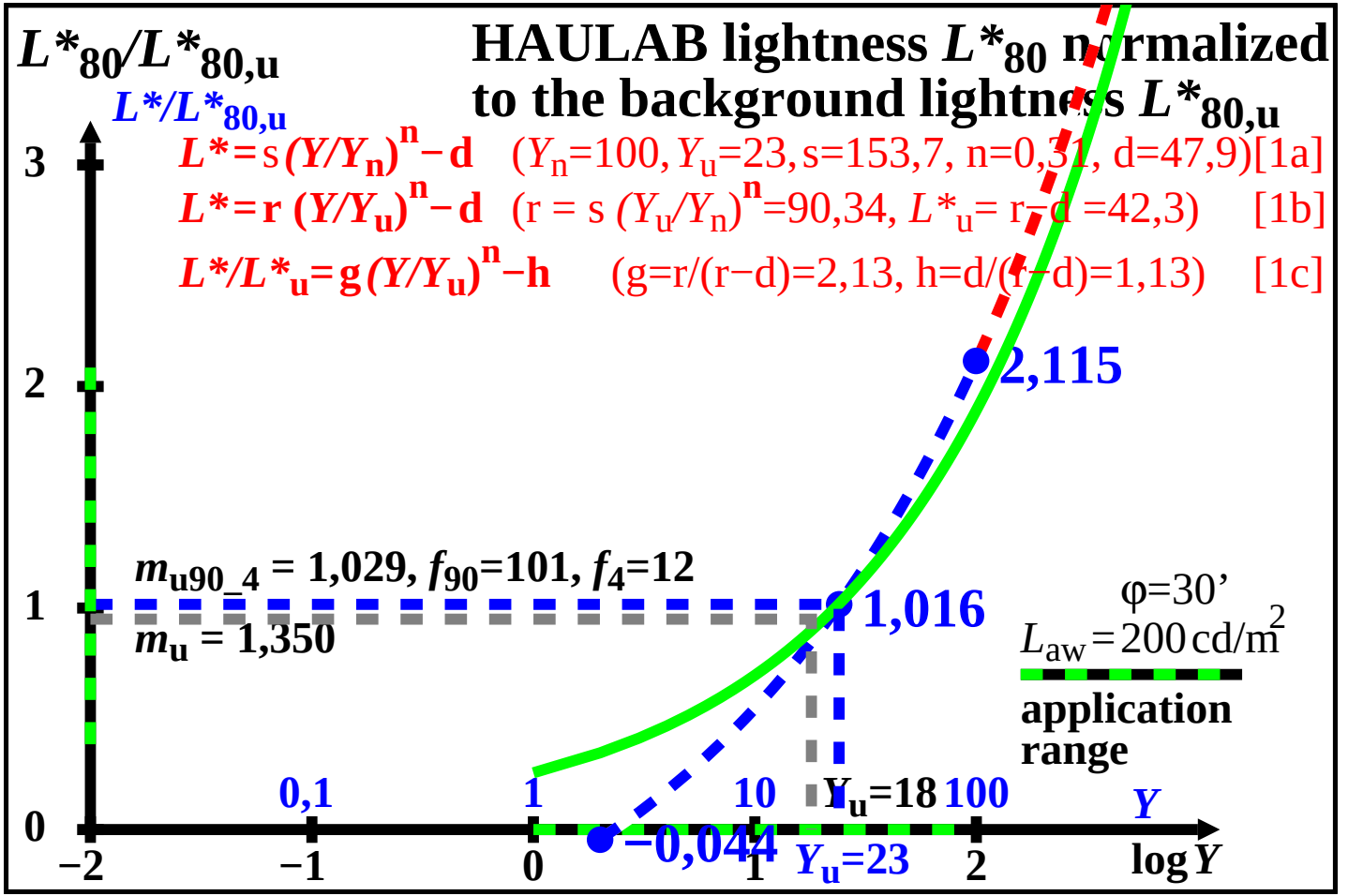
L*80/L*80,u
HAULAB lightness L*80 normalized to the background lightness L*80,u
L*/L*80,u
L*=s(Y/Yn)n−d (Yn=100, Yu=23, s=153,7, n=0,31, d=47,9) [1a]
L*=r (Y/Yu)n−d (r = s (Yu/Yn)n=90,34, L*u= r−d =42,3) [1b]
L*/L*u=g(Y/Yu)n−h (g=r/(r−d)=2,13, h=d/(r−d)=1,13) [1c]
3
2
1
0
2,115
1,016
−0,044
m u90_4 = 1,029, f90=101, f4=12
m u = 1,350
φ=30'
Law=200 cd/m2
application range
0,1
1
10
Yu=18
100
Y
Yu=23
−2
−1
0
1
2
log Y

hev80−3a