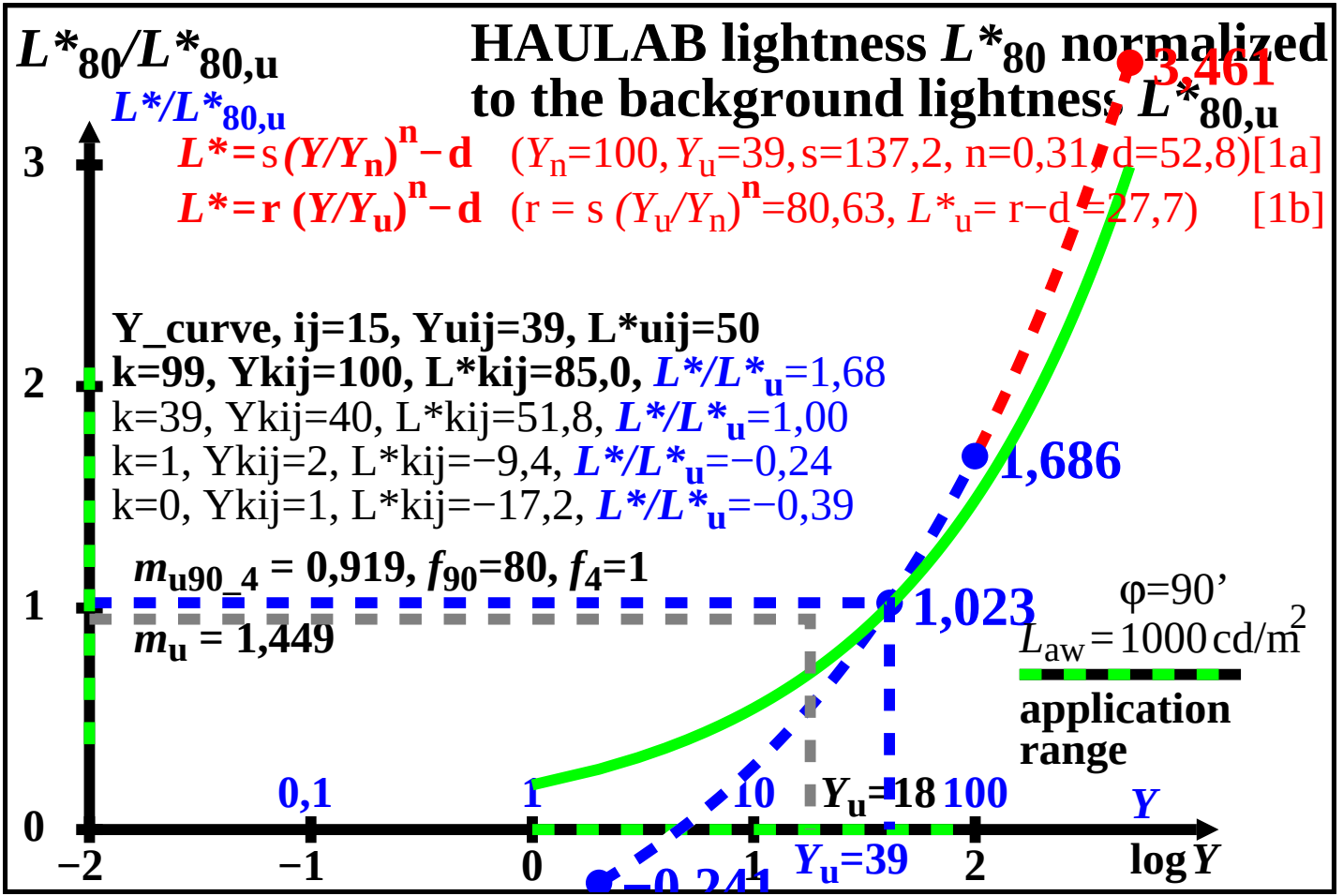
L*80/L*80,u
HAULAB lightness L*80 normalized to the background lightness, L*80,u
L*/L*80,u
L* = s (Y/Yn)^n − d (Yn=100, Yu=39, s=137,2, n=0,31, d=52,8)[1a]
L* = r (Y/Yu)^n − d (r = s (Yu/Yn)^n=80,63, L*u = r−d =27,7) [1b]
3,461
Y_curve, ij=15, Yuij=39, L*uij=50
k=99, Ykij=100, L*kij=85,0, L*/L*u=1,68
k=39, Ykij=40, L*kij=51,8, L*/L*u=1,00
k=1, Ykij=2, L*kij=−9,4, L*/L*u=−0,24
k=0, Ykij=1, L*kij=−17,2, L*/L*u=−0,39
1,686
mu90_4 = 0,919, f90=80, f4=1
mu = 1,449
1,023
φ=90'
Law = 1000 cd/m2
application range
0,1
1
10
Yu=18
100
Y
log Y
Yu=39
2
−0,241
3
2
1
0
−2
−1
0
1
heu60−2a