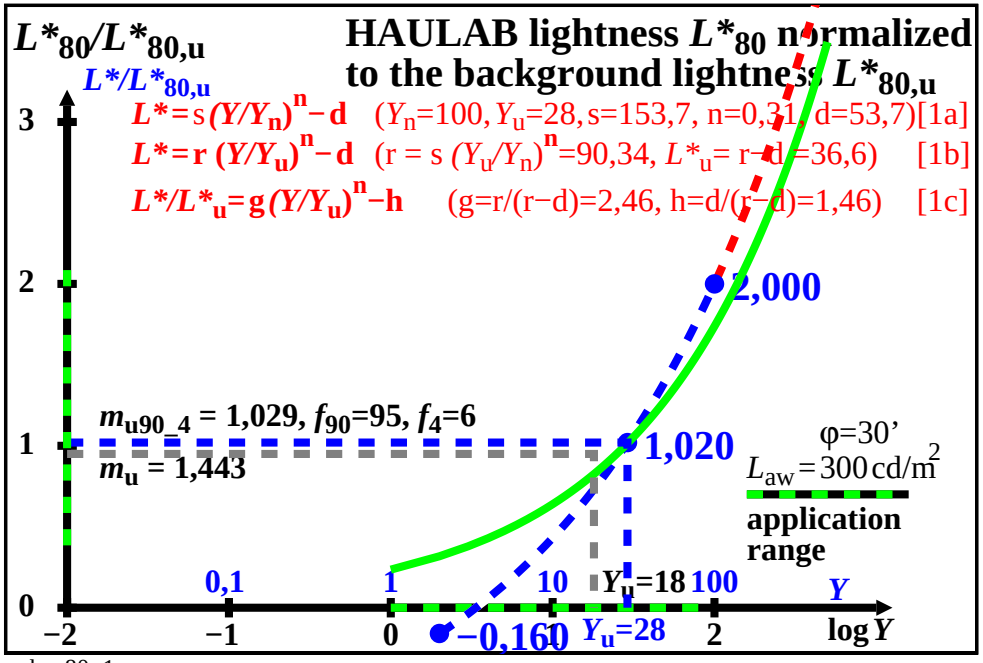
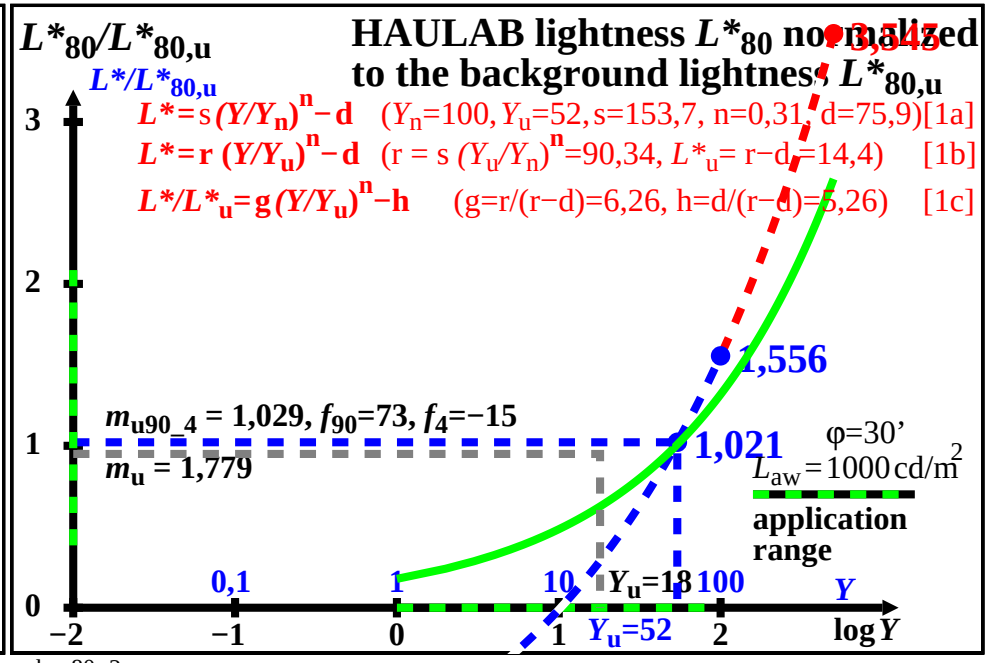
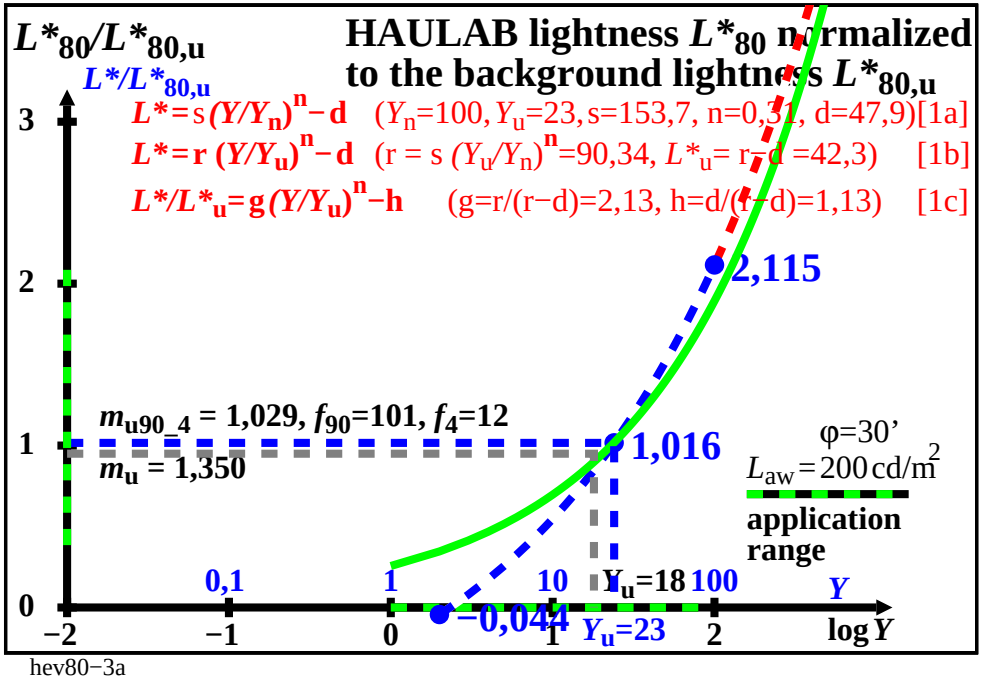
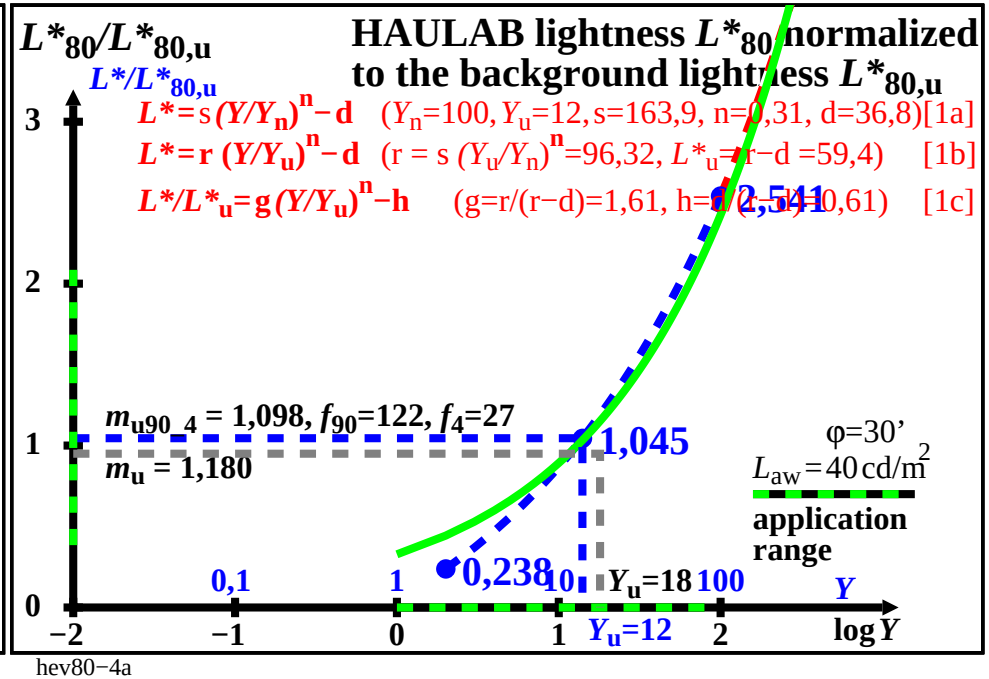

L*80/L*80,u
HAULAB lightness L*80 normalized to the background lightness L*80,u
L*/L*80,u
L*=s(Y/Yn)n−d (Yn=100, Yu=28, s=153,7, n=0,31, d=53,7)[1a]
L*=r (Y/Yu)n−d (r = s (Yu/Yn)n=90,34, L*u= r−d =36,6) [1b]
L*/L*u=g(Y/Yu)n−h (g=r/(r−d)=2,46, h=d/(r−d)=1,46) [1c]
2,000
mu90_4 = 1,029, f90=95, f4=6
mu = 1,443
1,020
φ=30'
Law=300 cd/m2
application range
0,1
1
10
Yu=18
100
Y
−0,160
Yu=28
log Y
hev80−1a


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=52, s=153,7, n=0,31, d=75,9)[1a]
L*=r (Y/Yu)n−d (r = s (Yu/Yn)n=90,34, L*u= r−d =14,4) [1b]
L*/L*u=g(Y/Yu)n−h (g=r/(r−d)=6,26, h=d/(r−d)=5,26) [1c]
3,545
1,556
mu90_4 = 1,029, f90=73, f4=−15
mu = 1,779
1,021
φ=30'
Law=1000 cd/m2
application range
0,1
1
10
Yu=18
100
Y
Yu=52
log Y
hev80−2a


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]
2,115
mu90_4 = 1,029, f90=101, f4=12
mu = 1,350
1,016
φ=30'
Law=200 cd/m2
application range
0,1
1
10
Yu=18
100
Y
−0,044
Yu=23
log Y
hev80−3a


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=12, s=163,9, n=0,31, d=36,8)[1a]
L*=r (Y/Yu)n−d (r = s (Yu/Yn)n=96,32, L*u= r−d =59,4) [1b]
L*/L*u=g(Y/Yu)n−h (g=r/(r−d)=1,61, h=d/(r−d)=0,61) [1c]
2,541
mu90_4 = 1,098, f90=122, f4=27
mu = 1,180
1,045
φ=30'
Law=40 cd/m2
application range
0,238
0,1
1
10
Yu=18
100
Y
Yu=12
log Y
hev80−4a

hev80−3n