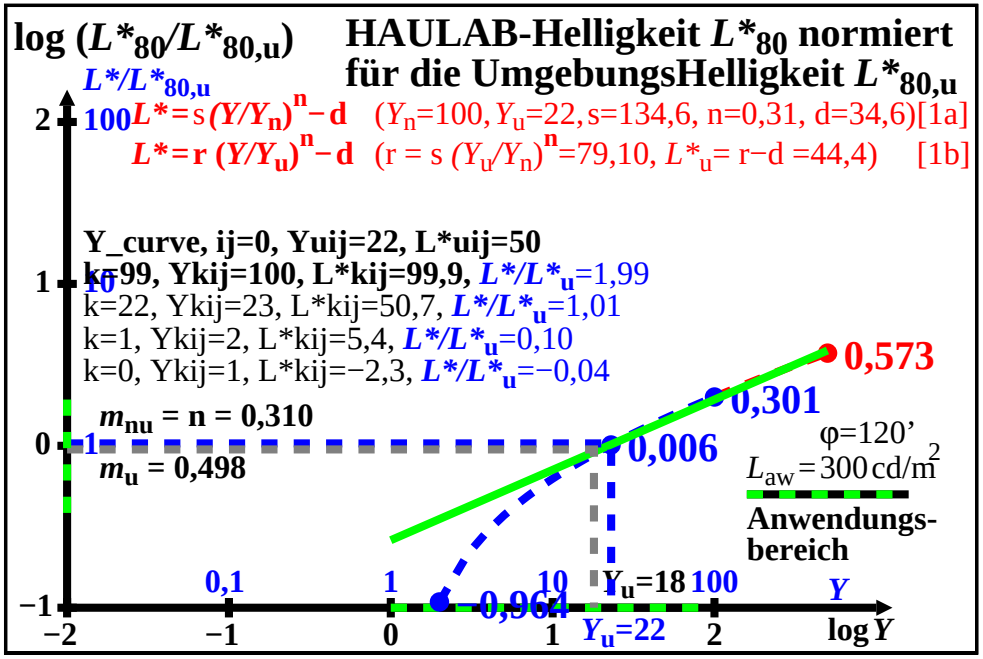
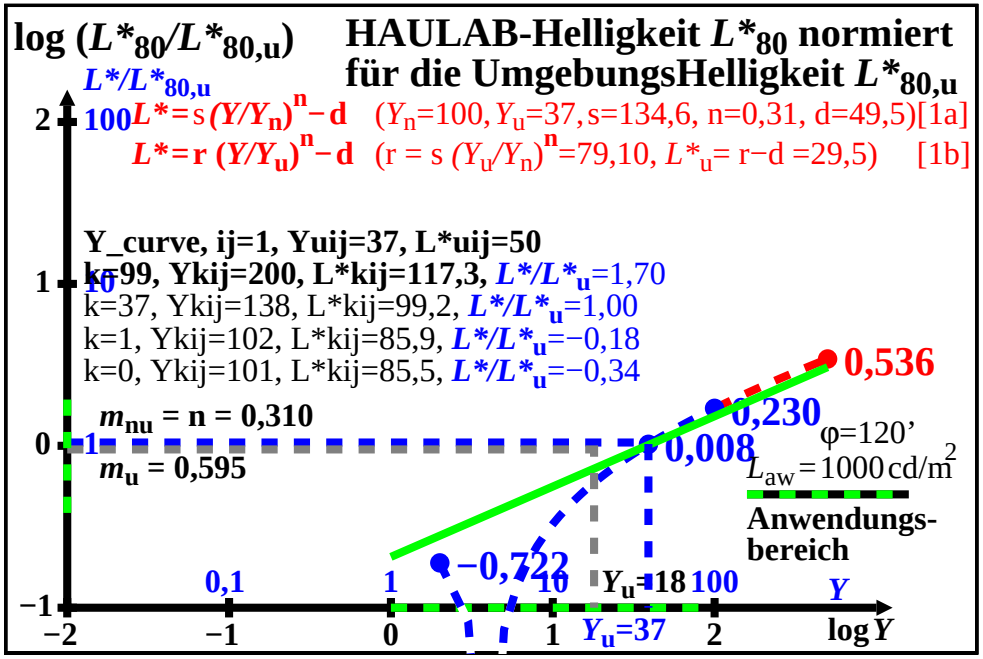
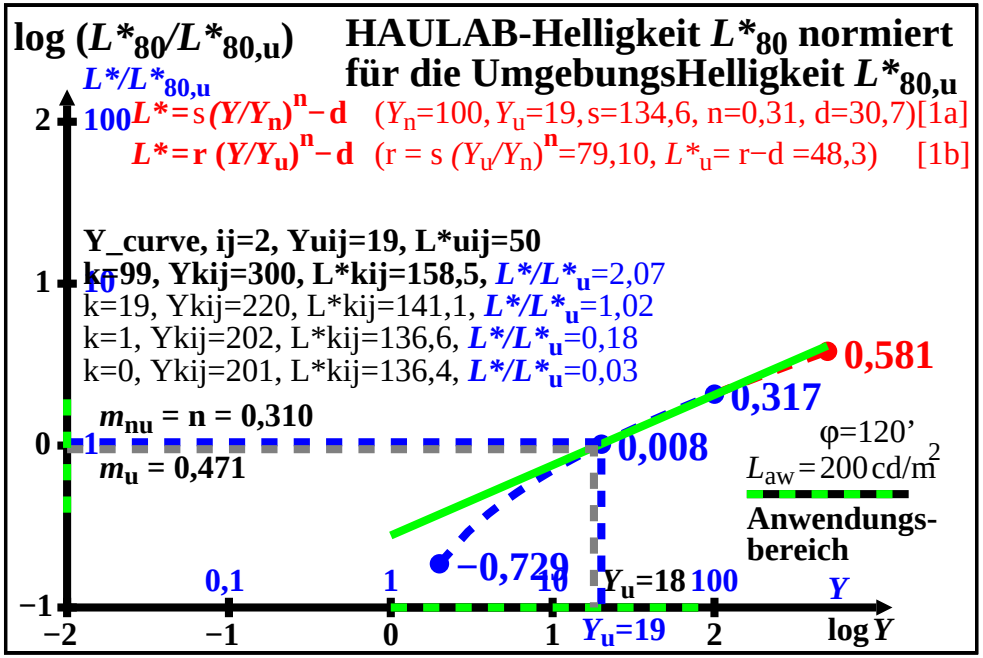
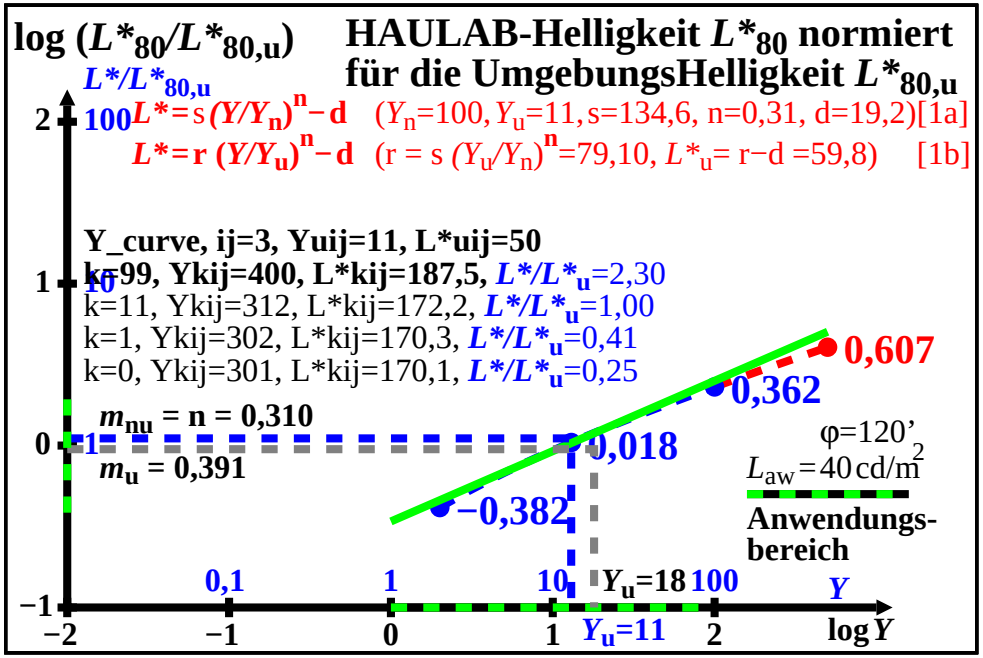

log (L*80/L*80,u)
HAULAB-Helligkeit L*80 normiert
für die UmgebungsHelligkeit L*80,u
L*/L*80,u
100 L* = s (Y/Yn)^n − d (Yn=100, Yu=22, s=134,6, n=0,31, d=34,6)[1a]
L* = r (Y/Yu)^n − d (r = s (Yu/Yn)^n=79,10, L*u= r−d =44,4) [1b]
Y_curve, ij=0, Yuij=22, L*uij=50
k=99, Ykij=100, L*kij=99,9, L*/L*u=1,99
k=22, Ykij=23, L*kij=50,7, L*/L*u=1,01
k=1, Ykij=2, L*kij=5,4, L*/L*u=0,10
k=0, Ykij=1, L*kij=−2,3, L*/L*u=−0,04
mnu = n = 0,310
mu = 0,498
0,573
0,301
0,006
−0,964
φ=120'
Law = 300 cd/m2
Anwendungs-
bereich
Yu=18
Yu=22
Y
log Y
hgt70−1a


log (L*80/L*80,u)
HAULAB-Helligkeit L*80 normiert
für die UmgebungsHelligkeit L*80,u
L*/L*80,u
100 L* = s (Y/Yn)^n − d (Yn=100, Yu=37, s=134,6, n=0,31, d=49,5)[1a]
L* = r (Y/Yu)^n − d (r = s (Yu/Yn)^n=79,10, L*u= r−d =29,5) [1b]
Y_curve, ij=1, Yuij=37, L*uij=50
k=99, Ykij=200, L*kij=117,3, L*/L*u=1,70
k=37, Ykij=138, L*kij=99,2, L*/L*u=1,00
k=1, Ykij=102, L*kij=85,9, L*/L*u=−0,18
k=0, Ykij=101, L*kij=85,5, L*/L*u=−0,34
mnu = n = 0,310
mu = 0,595
0,536
0,230
0,008
−0,722
φ=120'
Law = 1000 cd/m2
Anwendungs-
bereich
Yu=18
Yu=37
Y
log Y
hgt70−2a


log (L*80/L*80,u)
HAULAB-Helligkeit L*80 normiert
für die UmgebungsHelligkeit L*80,u
L*/L*80,u
100 L* = s (Y/Yn)^n − d (Yn=100, Yu=19, s=134,6, n=0,31, d=30,7)[1a]
L* = r (Y/Yu)^n − d (r = s (Yu/Yn)^n=79,10, L*u= r−d =48,3) [1b]
Y_curve, ij=2, Yuij=19, L*uij=50
k=99, Ykij=300, L*kij=158,5, L*/L*u=2,07
k=19, Ykij=220, L*kij=141,1, L*/L*u=1,02
k=1, Ykij=202, L*kij=136,6, L*/L*u=0,18
k=0, Ykij=201, L*kij=136,4, L*/L*u=0,03
mnu = n = 0,310
mu = 0,471
0,581
0,317
0,008
−0,729
φ=120'
Law = 200 cd/m2
Anwendungs-
bereich
Yu=18
Yu=19
Y
log Y
hgt70−3a


log (L*80/L*80,u)
HAULAB-Helligkeit L*80 normiert
für die UmgebungsHelligkeit L*80,u
L*/L*80,u
100 L* = s (Y/Yn)^n − d (Yn=100, Yu=11, s=134,6, n=0,31, d=19,2)[1a]
L* = r (Y/Yu)^n − d (r = s (Yu/Yn)^n=79,10, L*u= r−d =59,8) [1b]
Y_curve, ij=3, Yuij=11, L*uij=50
k=99, Ykij=400, L*kij=187,5, L*/L*u=2,30
k=11, Ykij=312, L*kij=172,2, L*/L*u=1,00
k=1, Ykij=302, L*kij=170,3, L*/L*u=0,41
k=0, Ykij=301, L*kij=170,1, L*/L*u=0,25
mnu = n = 0,310
mu = 0,391
0,607
0,362
0,018
−0,382
φ=120'
Law = 40 cd/m2
Anwendungs-
bereich
Yu=18
Yu=11
Y
log Y
hgt70−4a

hgt70−3n