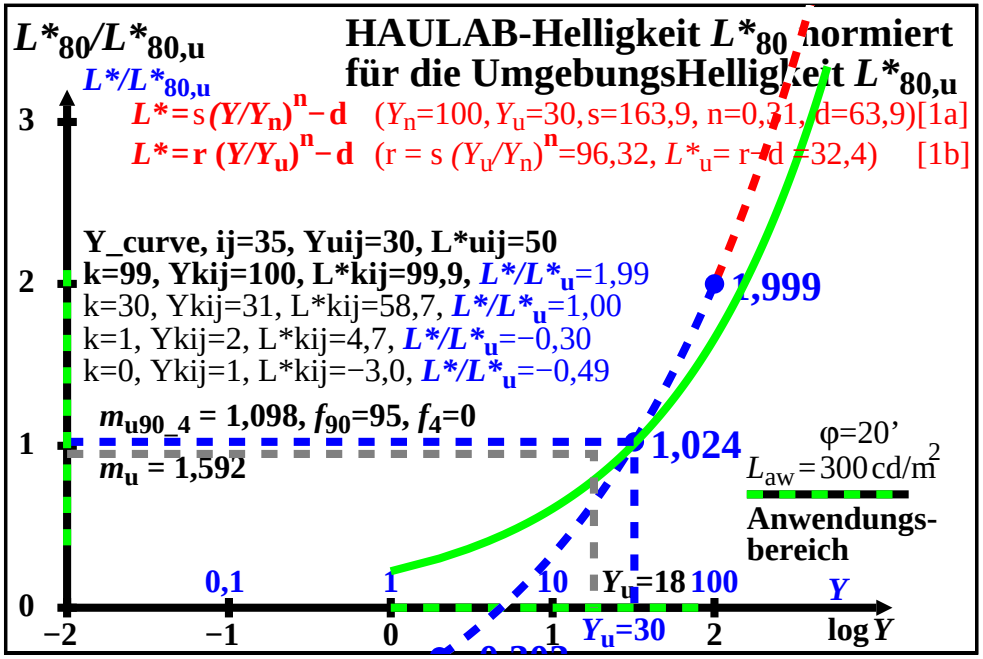
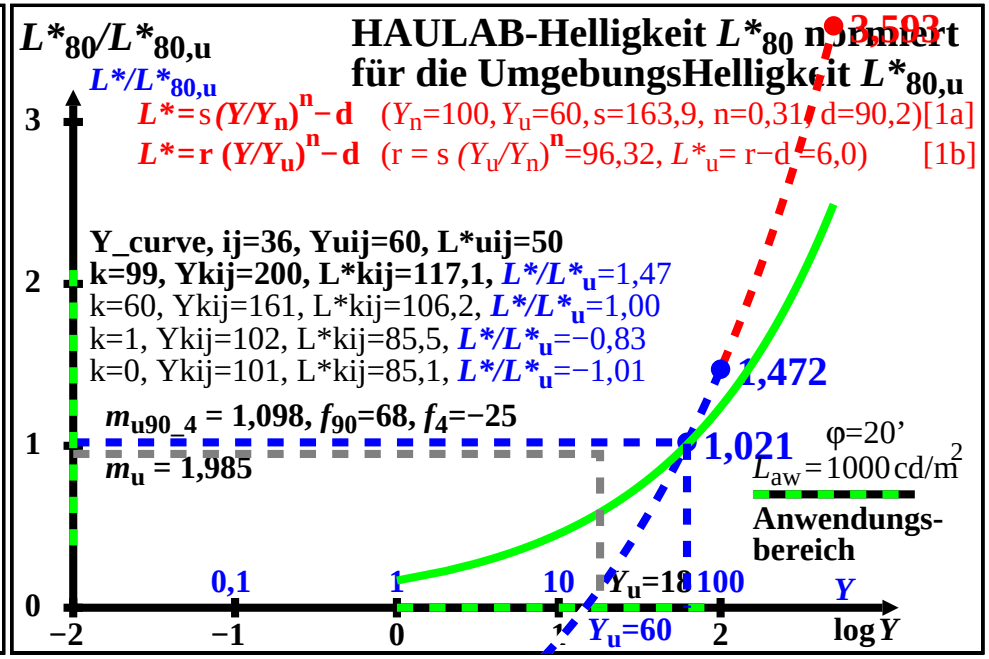
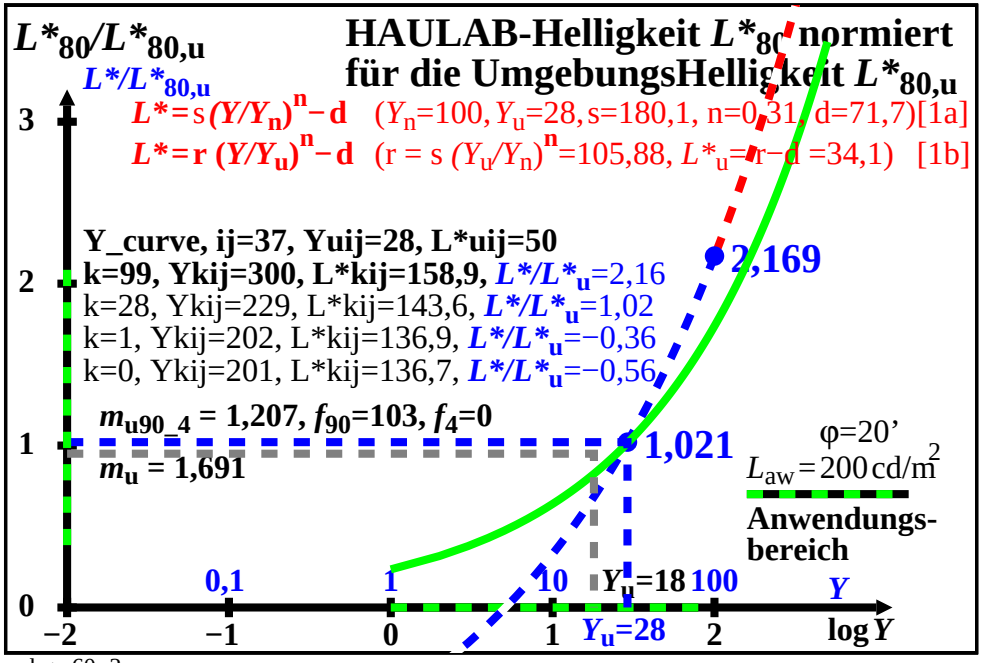
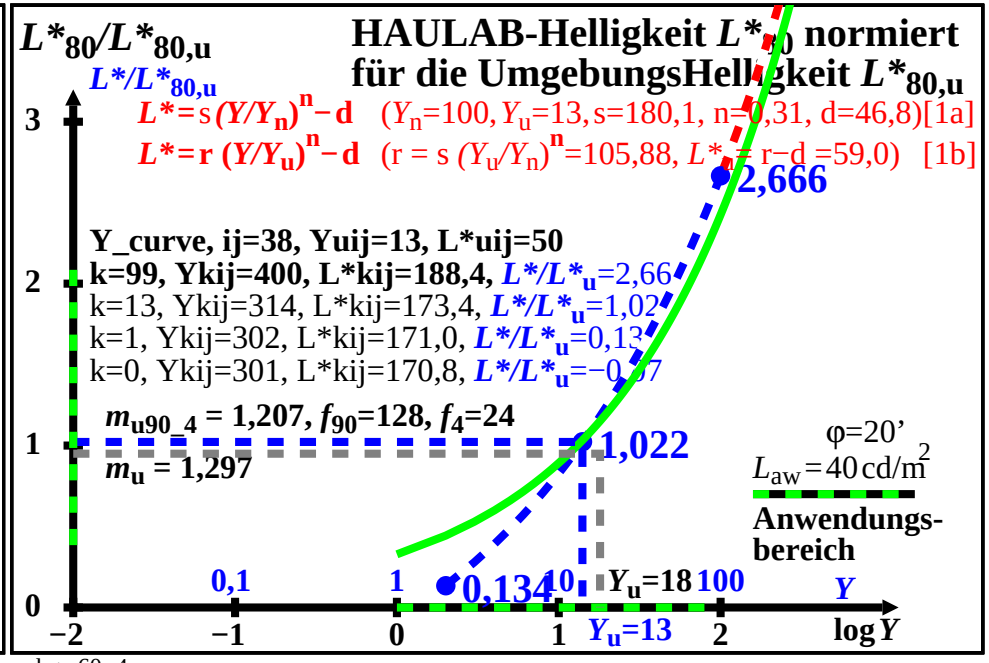

L*80/L*80,u
HAULAB-Helligkeit L*80 normiert
für die UmgebungsHelligkeit L*80,u
L*/L*80,u
L*=s(Y/Yn)n−d (Yn=100, Yu=30, s=163,9, n=0,31, d=63,9)[1a]
L*=r (Y/Yu)n−d (r = s (Yu/Yn)n=96,32, L*u= r−d =32,4) [1b]
Y_curve, ij=35, Yuij=30, L*uij=50
k=99, Ykij=100, L*kij=99,9, L*/L*u=1,99
k=30, Ykij=31, L*kij=58,7, L*/L*u=1,00
k=1, Ykij=2, L*kij=4,7, L*/L*u=−0,30
k=0, Ykij=1, L*kij=−3,0, L*/L*u=−0,49
mu90_4 = 1,098, f90=95, f4=0
mu = 1,592
1,999
1,024
φ=20'
Law=300 cd/m2
Anwendungs-
bereich
0,1
1
10
Yu=18
100
Y
Yu=30
log Y
hgw60−1a


L*80/L*80,u
HAULAB-Helligkeit L*80 normiert
für die UmgebungsHelligkeit L*80,u
L*/L*80,u
L*=s(Y/Yn)n−d (Yn=100, Yu=60, s=163,9, n=0,31, d=90,2)[1a]
L*=r (Y/Yu)n−d (r = s (Yu/Yn)n=96,32, L*u= r−d =6,0) [1b]
Y_curve, ij=36, Yuij=60, L*uij=50
k=99, Ykij=200, L*kij=117,1, L*/L*u=1,47
k=60, Ykij=161, L*kij=106,2, L*/L*u=1,00
k=1, Ykij=102, L*kij=85,5, L*/L*u=−0,83
k=0, Ykij=101, L*kij=85,1, L*/L*u=−1,01
mu90_4 = 1,098, f90=68, f4=−25
mu = 1,985
2,503
1,472
1,021
φ=20'
Law=1000 cd/m2
Anwendungs-
bereich
0,1
1
10
Yu=18
100
Y
Yu=60
log Y
hgw60−2a


L*80/L*80,u
HAULAB-Helligkeit L*80 normiert
für die UmgebungsHelligkeit L*80,u
L*/L*80,u
L*=s(Y/Yn)n−d (Yn=100, Yu=28, s=180,1, n=0,31, d=71,7)[1a]
L*=r (Y/Yu)n−d (r = s (Yu/Yn)n=105,88, L*u= r−d =34,1) [1b]
Y_curve, ij=37, Yuij=28, L*uij=50
k=99, Ykij=300, L*kij=158,9, L*/L*u=2,16
k=28, Ykij=229, L*kij=143,6, L*/L*u=1,02
k=1, Ykij=202, L*kij=136,9, L*/L*u=−0,36
k=0, Ykij=201, L*kij=136,7, L*/L*u=−0,56
mu90_4 = 1,207, f90=103, f4=0
mu = 1,691
2,169
1,021
φ=20'
Law=200 cd/m2
Anwendungs-
bereich
0,1
1
10
Yu=18
100
Y
Yu=28
log Y
hgw60−3a


L*80/L*80,u
HAULAB-Helligkeit L*80 normiert
für die UmgebungsHelligkeit L*80,u
L*/L*80,u
L*=s(Y/Yn)n−d (Yn=100, Yu=13, s=180,1, n=0,31, d=46,8)[1a]
L*=r (Y/Yu)n−d (r = s (Yu/Yn)n=105,88, L*u= r−d =59,0) [1b]
Y_curve, ij=38, Yuij=13, L*uij=50
k=99, Ykij=400, L*kij=188,4, L*/L*u=2,66
k=13, Ykij=314, L*kij=173,4, L*/L*u=1,02
k=1, Ykij=302, L*kij=171,0, L*/L*u=0,13
k=0, Ykij=301, L*kij=170,8, L*/L*u=−0,57
mu90_4 = 1,207, f90=128, f4=24
mu = 1,297
2,666
1,022
0,134
φ=20'
Law=40 cd/m2
Anwendungs-
bereich
0,1
1
10
Yu=18
100
Y
Yu=13
log Y
hgw60−4a

hgw60−3n