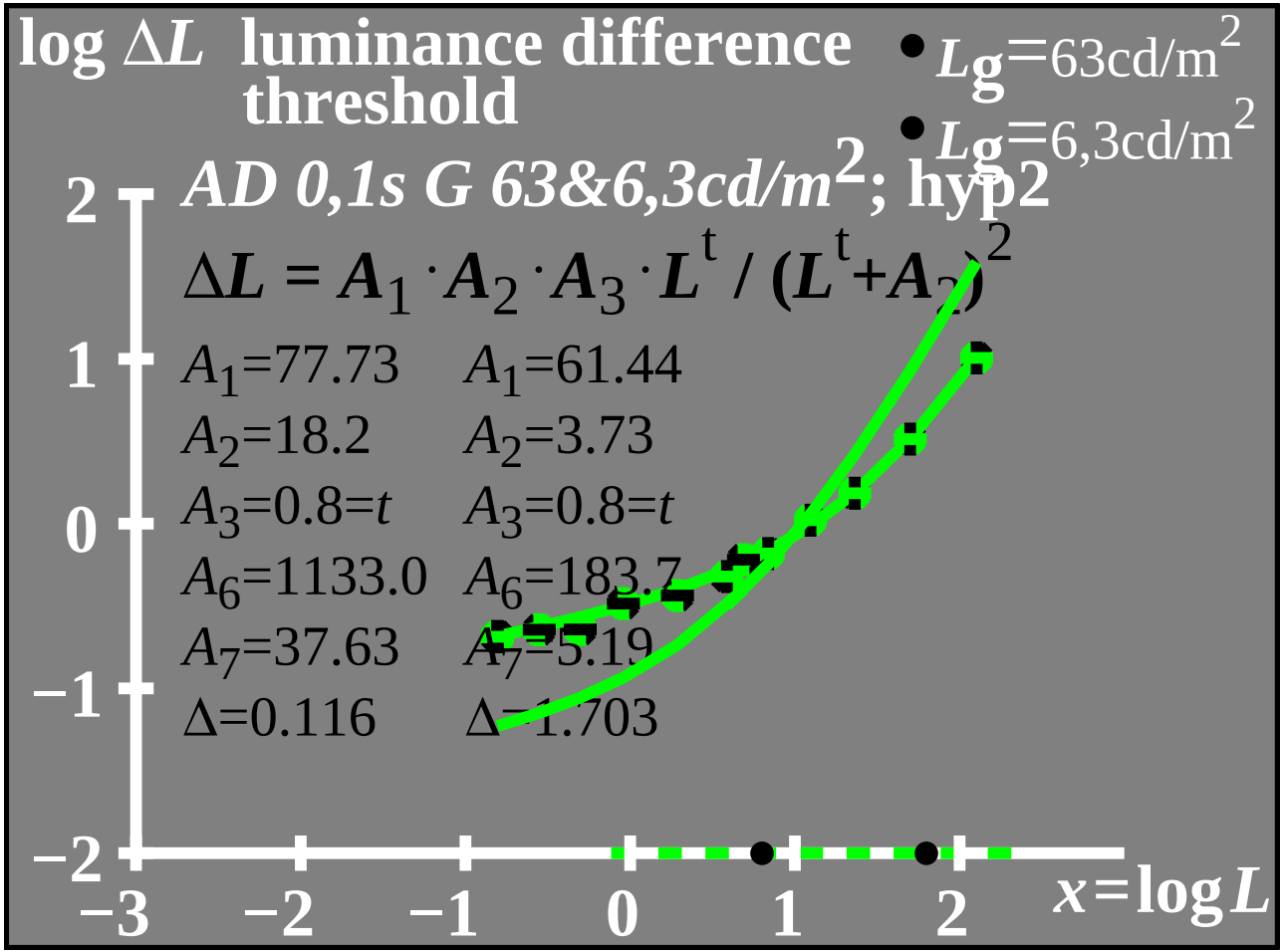
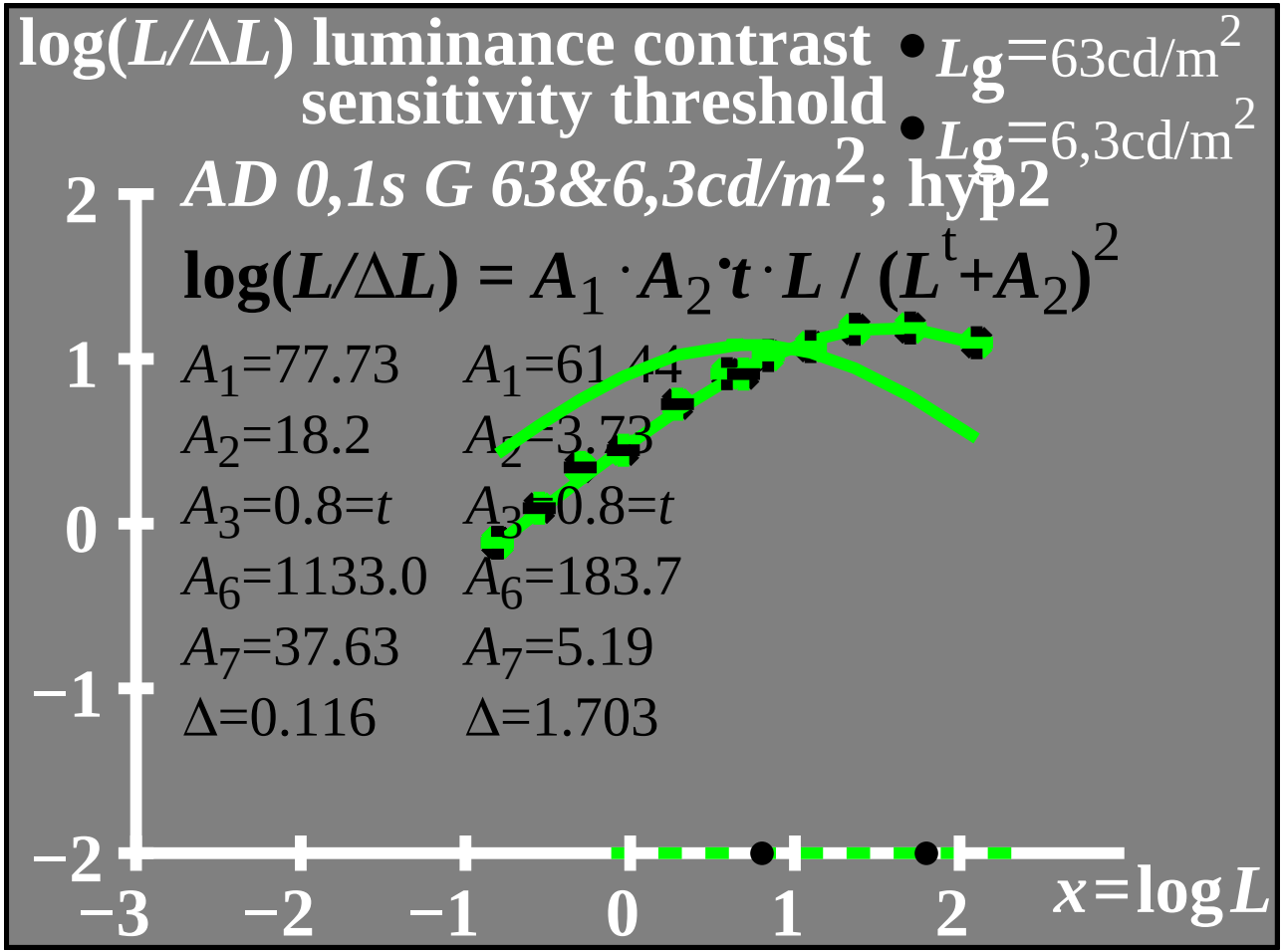
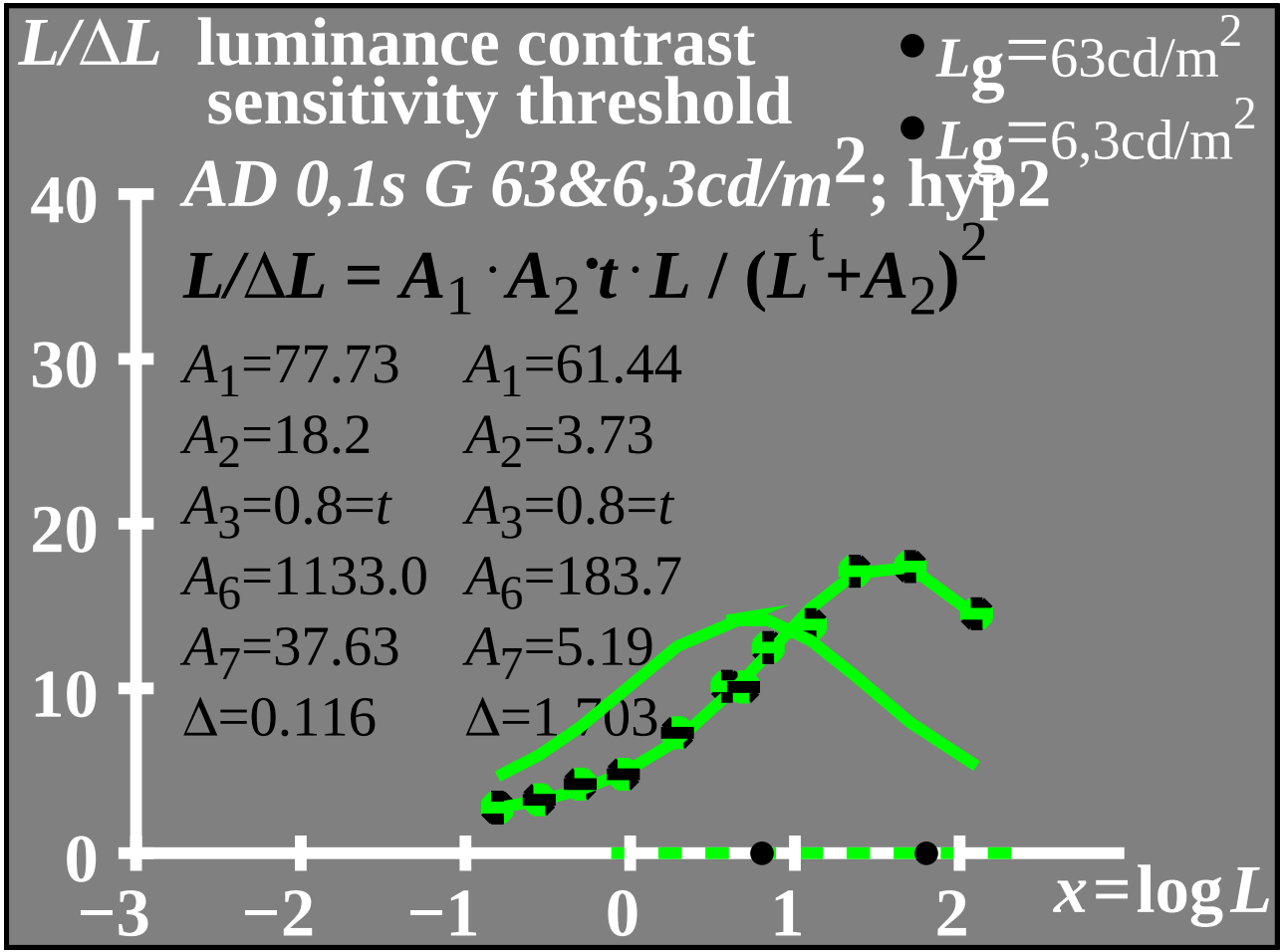

log ΔL luminance difference threshold
Lg=63cd/m2
Lg=6,3cd/m2
AD 0,1s G 63&6,3cd/m2; hyp2
ΔL = A1 · A2 · A3 · L^t / (L^t+A2)^2
A1=77.73
A2=18.2
A3=0.8=t
A6=1133.0
A7=37.63
Δ=0.116
A1=61.44
A2=3.73
A3=0.8=t
A6=183.7
A7=5.19
Δ=1.703
2
1
0
−1
−2
−3
−2
−1
0
1
2
x=log L

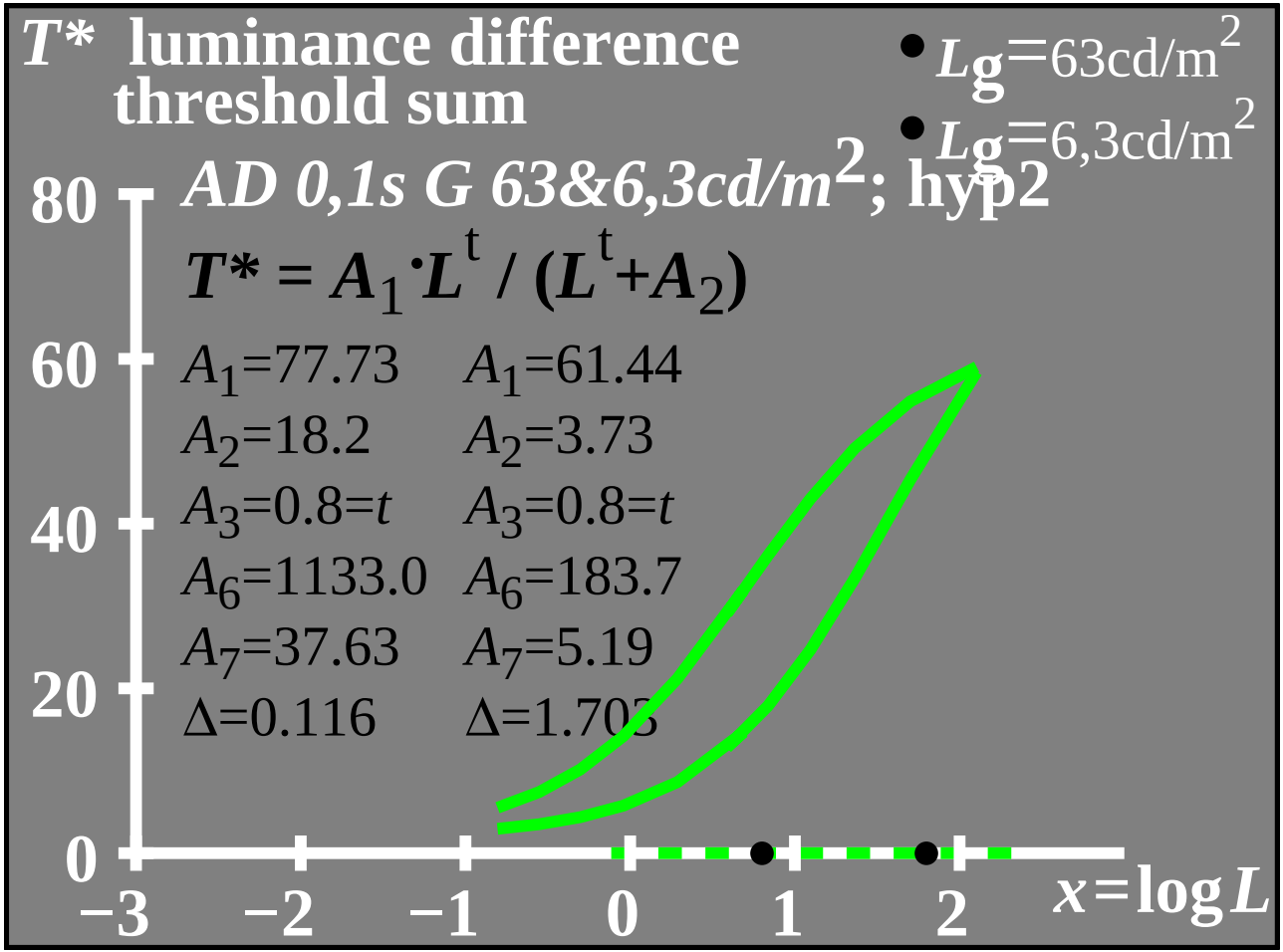
UE291−8A_1


log(L/ΔL) luminance contrast sensitivity threshold
• Lg=63cd/m2
• Lg=6,3cd/m2
AD 0,1s G 63&6,3cd/m2; hyp2
log(L/ΔL) = A1·A2·t·L / (L^t+A2)^2
A1=77.73
A2=18.2
A3=0.8=t
A6=1133.0
A7=37.63
Δ=0.116
A1=61.44
A2=3.73
A3=0.8=t
A6=183.7
A7=5.19
Δ=1.703
2
1
0
−1
−2
−3
−2
−1
0
1
2
x=log L

UE291−8A_2


L/ΔL luminance contrast sensitivity threshold
Lg=63cd/m2
Lg=6,3cd/m2
AD 0,1s G 63&6,3cd/m2; hyp2
L/ΔL = A1 · A2 · t · L / (Lt+A2)2
A1=77.73 A1=61.44
A2=18.2 A2=3.73
A3=0.8=t A3=0.8=t
A6=1133.0 A6=183.7
A7=37.63 A7=5.19
Δ=0.116 Δ=1.703
40
30
20
10
0
−3 −2 −1 0 1 2
x=log L

UE291−8A_3


T* luminance difference threshold sum
Lg=63cd/m2
Lg=6,3cd/m2
AD 0,1s G 63&6,3cd/m2; hyp2
T* = A1·L^t / (L^t+A2)
A1=77.73 A1=61.44
A2=18.2 A2=3.73
A3=0.8=t A3=0.8=t
A6=1133.0 A6=183.7
A7=37.63 A7=5.19
Δ=0.116 Δ=1.703
80
60
40
20
0
−3 −2 −1 0 1 2
x=log L

UE291−8A_4