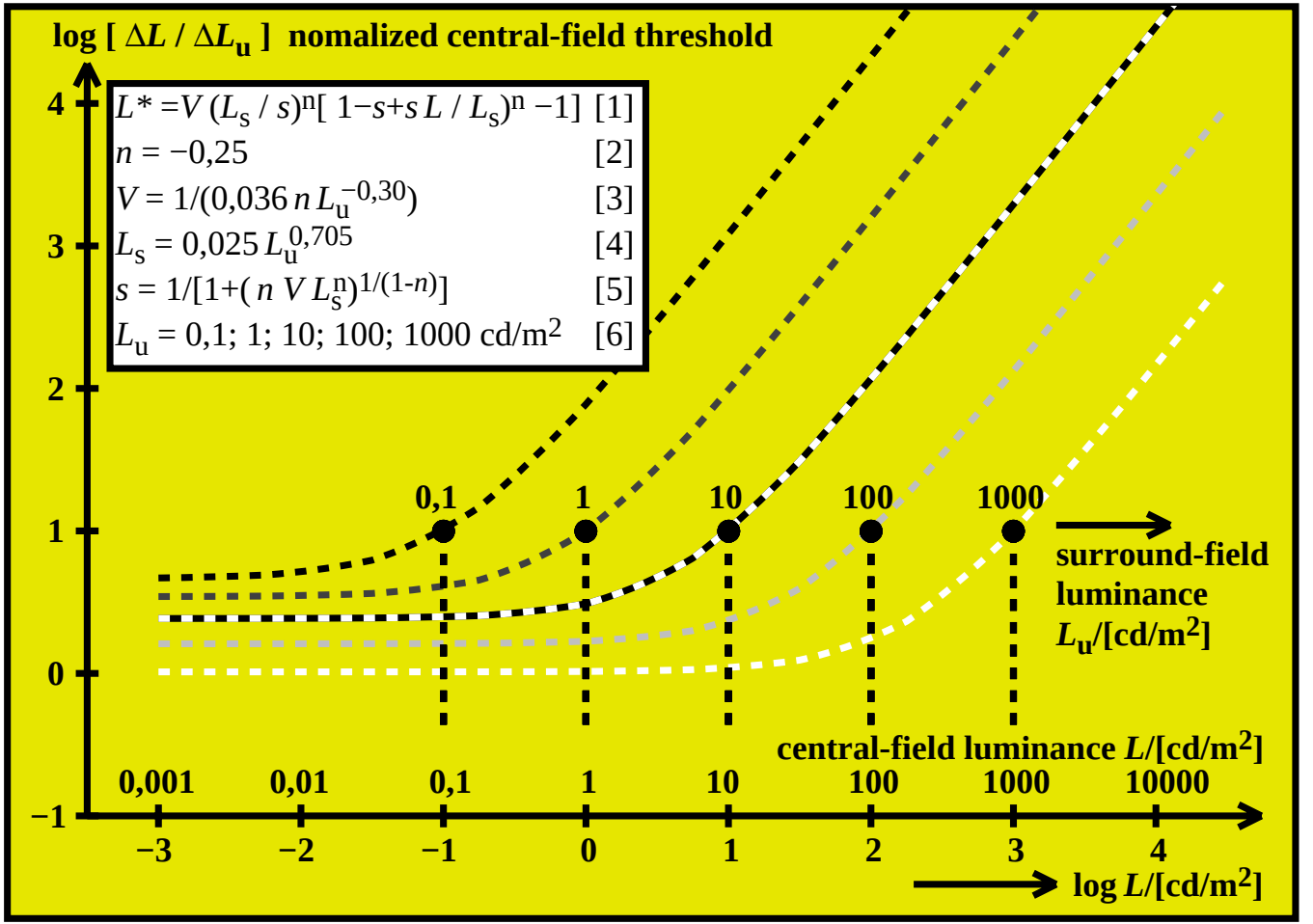
log [ΔL / ΔLu] nomalized central-field threshold
L* =V (Ls / s)n[1−s+s L / Ls)n −1] [1]
n = −0,25 [2]
V = 1/(0,036 n Lu−0,30) [3]
Ls = 0,025 Lu0,705 [4]
s = 1/[1+(n V Lsn)1/(1-n)] [5]
Lu = 0,1; 1; 10; 100; 1000 cd/m2 [6]
4
3
2
1
0
−1
0,1
1
10
100
1000
surround-field luminance Lu/[cd/m2]
central-field luminance L/[cd/m2]
0,001
0,01
0,1
1
10
100
1000
10000
−3
−2
−1
0
1
2
3
4
log L/[cd/m2]

CES50−5A