

log [  $\Delta L$  ] central-field threshold

2  
1  
0  
-1  
-2  
-3

$$L^* = V (L_s/s)^n [(1-s+sL/L_s)^{n-1}] \quad [1]$$

$$n = -0,25 \quad [2]$$

$$V = 1/(0,036 n L_u^{-0,30}) \quad [3]$$

$$L_s = 0,025 L_u^{0,705} \quad [4]$$

$$s = 1/[1+(n V L_s^n)^{1/(1-n)}] \quad [5]$$

$$L_u = 0,1; 1; 10; 100; 1000 \text{ cd/m}^2 \quad [6]$$

$$dL = [1/nV][L_s/s]^{1-n} [1-s+sL/L_s]^{1-n} \quad [7]$$

Richter, K. (1993), CIE proceedings, Advanced Colorimetry, p. 79–84, CIE3

$$L^* = V (L_s/s)^n [(1-s(L-L_s)/L_s)^{n-1}] \quad [8]$$

$$dL = [1/nV][L_s/s]^{1-n} [(1-s(L-L_s)/L_s)^{1-n}] \quad [9]$$

luminance field  
 $L_u$  [cd/m<sup>2</sup>]

central-field luminance  $L$  [cd/m<sup>2</sup>]

→ log  $L$  [cd/m<sup>2</sup>]

0,001    0,01    0,1    1    10    100    1000    10000