

L / ΔL Infieldschwellen-Kontrast

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

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

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

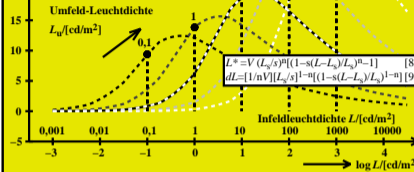
$$V = 1/(0,036 n L_n^{-0,30}) \quad [3]$$

$$L_s = 0,025 L_n 0,705 \quad [4]$$

$$s = 1/[1+(n V L_n^2)^{1/(1-n)}] \quad [5]$$

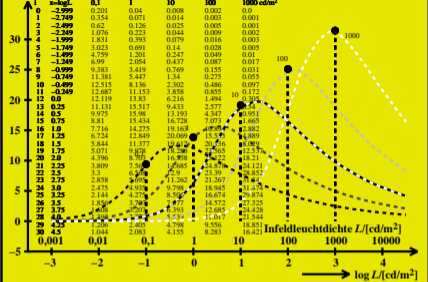
$$L_u = 0,1; 1; 10; 100; 1000 \text{ cd/m}^2 \quad [6]$$

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



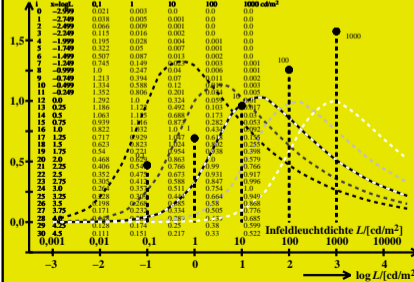
hgr41-1a

Bilder und Daten L / ΔL Infieldschwellen-Kontrast



hgr41-2a

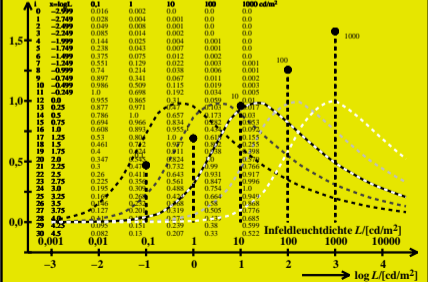
Bilder und Daten (L/ΔL) / (L/ΔL)_{max} Infieldschwellen-Relativkontrast



hgr41-3a

hgr40-3n

Bilder und Daten (L/ΔL) / (L/ΔL)_{max} Infieldschwellen-Relativkontrast



hgr41-4a