

$L / \Delta L$ Infeldschwellen-Kontrast

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

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

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

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

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

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

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

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

Umfeld-Leuchtdichte

L_u /[cd/m²]

0,1

1

10

100

1000

Infeldleuchtdichte L /[cd/m²]

0,001

0,01

0,1

1

10

100

1000

10000

$\log L$ /[cd/m²]