log [L*] central-field lightness

$L^* = V (L_s/s)^n [(1 - s + s L/L_s)^{n-1}]$ [1]
$n = -0.25$ [2]
$V = 1/(0.036\, n\, L_u^{-0.30})$ [3]
$L_s = 0.025\, L_u^{0.705}$ [4]
$s = 1/[1 + (n\, V\, L_u^n)^{1/(1-n)}]$ [5]
$L_u = 0.1; 1; 10; 100; 1000\ \mathrm{cd/m^2}$ [6]
$dL = [1/nV][L_s/s]^{1-n}[1 - s + s\, L/L_s]^{n-1}$ [7]

$L^* = V (L_s/s)^n [(1 - s(L - L_u)/L_s)^{n-1}]$ [8]
$dL = [1/nV][L_s/s]^{1-n}[1 - s(L - L_s)/L_s]^{1-n}]$ [9]

**log [L*] central-field lightness
surround-field luminance**
$L_u/[\mathrm{cd/m^2}]$ →

central-field luminance $L/[\mathrm{cd/m^2}]$

log $L/[\mathrm{cd/m^2}]$

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