

double line element of *Richter*
(1987) for the lighting technic with
luminance $L = F(L, M, S)$

luminance signal function $F(L)$

$$F(L) = i Q(H) = \begin{cases} \underline{i} Q(\underline{H}) & (x < u) \\ \bar{i} Q(\bar{H}) & (x \geq u) \end{cases}$$

with: $\underline{k}=1,4$ $\bar{k}=1$ $\underline{i}=1$ $\bar{i}=-2$

$$x = \log L \quad u = \log L_u$$

$$H = e^{\underline{k}(x-u)}, \underline{H} = e^{\underline{k}(x-u)}, \bar{H} = e^{\bar{k}(x-u)}$$