Q-function changes; transition from light- to color metrics

scaling function of **light metrics:**
$$Q[k(x - u)] = Q[k(\log L - \log L_u)]$$

$\log L \rightarrow \log P$ **for color metrics:**
$$Q[k(\log P - \log L_u)]$$
$$= Q[k(\log L - \log L_u + \log P - \log L)]$$

with saturation $p = \log P - \log L$
for color metrics: $Q[k(x - u + p)]$