$$V_0 = 3,3V\frac{R_p}{R_p + 10K\Omega}$$

$$V_0(R_p + 10K\Omega) = 3,3R_p$$

$$R_p = V_0\frac{10K\Omega}{3,3V - V_0}$$

$\log(R_p)$-$\log(100K\Omega) = -\gamma_{10}^{100}[\log(lux) - \log(1)]$

$$Luce[lux] = 10^{[(\frac{-1}{\gamma})\log(\frac{R_p}{100K})]}$$