

600 LUX

$$R_F = 3000 \, \Omega$$

$$R_1 = 1000 \, \Omega$$

$$R_N = R_F + R_1 = 3000 \, \Omega + 1000 \, \Omega = 4000 \, \Omega$$

$$I = \frac{U}{R_N} = \frac{3,3 \, V}{4000 \, \Omega} = 0,825 \, mA$$

$$U = I \cdot R = 0,825 \, mA \cdot 1000 \, \Omega = 0,825 \, V$$

0 LUX

$$R_F = 1,5 \, M\Omega$$

$$R_1 = 1000 \, \Omega$$

$$R_N = R_F + R_1 = 1,5 \, M\Omega + 1000 \, \Omega = 15001000 \, \Omega = 1500,1 \, k\Omega$$

$$I = \frac{U}{R_N} = \frac{3,3 \, V}{1500,1 \, k\Omega} = 0,22 \, \mu A$$

$$U = I \cdot R = 0,22 \, \mu A \cdot 1000 \, \Omega = 0 \, V$$