Sketch the ambient, diffuse, specular, and total illumination for the following scene as function of x. Assume the Phong illumination model,

i.e., $I = k_a I_a + k_d I_d (N \cdot L) + k_s I_s (R \cdot V)^n$, where $k_a = 0.5$, $k_d = 0.7$, $k_s = 0.7$, $I_a = I_d = I_s = 1.0$, n = 100. light eye **→** X I(x)1.0