Given a point \( x \) on the surface, give a unit vector that points in the direction of:

- a point source \( S \) 
  \[
  \text{Normalize}(S - x)
  \]

- a directional source \( I \) 
  \[
  \text{normalize}(I)
  \]

Diffuse:

\( L_d \propto \cos \theta = \hat{n} \cdot \hat{I} \)

(assume \( \hat{n}, \hat{I} \) are unit length)