Assignment 2.

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Since considering the source no that a light source is in the content of a sphere such redlies R which corresponds to a paratolic surface, the includent direction and the normal direction of each point on the other is $\theta=0$.

So, $d \phi_e (x) = \frac{d P(x)}{d E} \cos \theta = \phi_e \cdot \cos \theta = 5W$

b) defforantial power of vadiation for differential surface once

Indonsty: The Identisty can be calculated by calculated of differential rodiant power per differential solid angle:

Ie = doe Tor] = SHLe(A) 45(B(A)) dA

Inodiance: -> can be so calculate differental power of radiator per differental surface area.

Ee = de tw] = Syle(w) as (U (w)) dw

Main different: Indensity is related to solid angle,
Triodance is related to surface area.