

(2)

flux vs. brightness

- very similar quantities, same units of $\text{Js}^{-1}\text{m}^{-2}$ or Wm^{-2}

amount of energy passing each second
through unit area of

* emitting object is flux
with radius R

$$f = \frac{L}{4\pi R^2}$$

* detector, at some distance d from
emitting object is brightness

$$b = \frac{L}{4\pi d^2}$$

