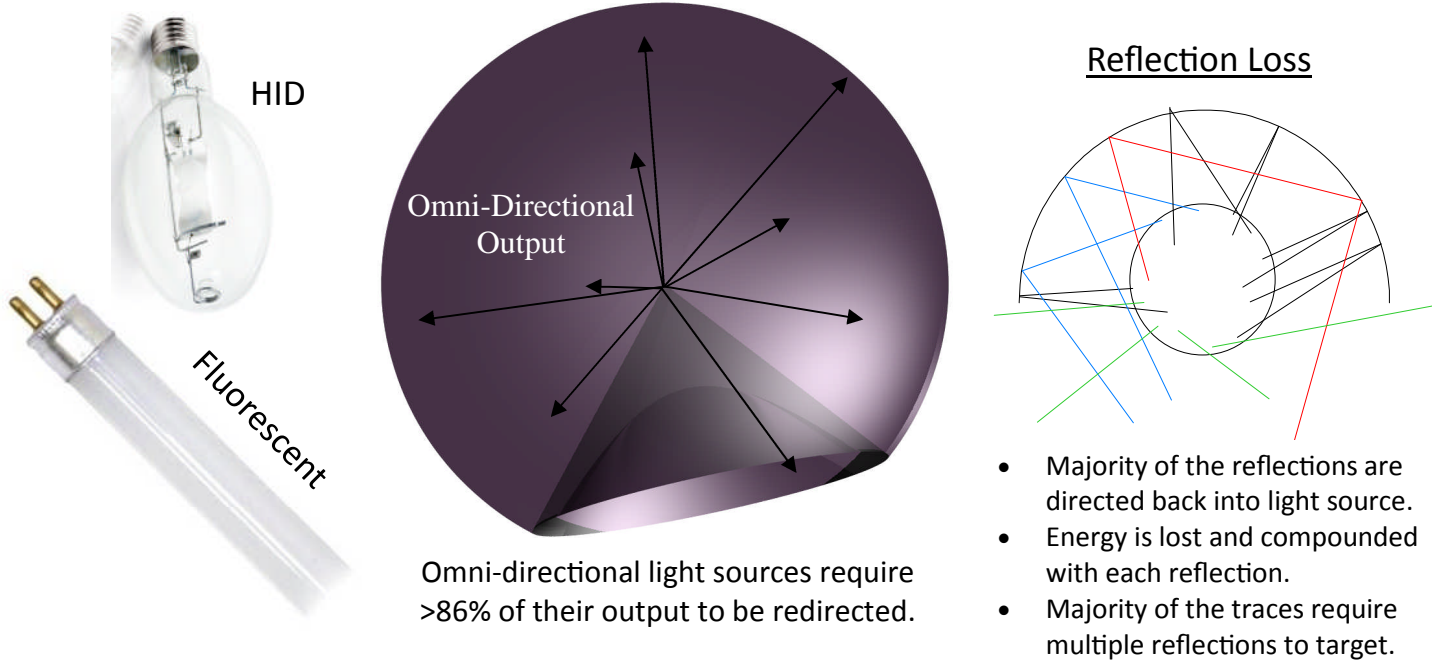


Source Lumens vs. Delivered Lumens in High Bay Applications

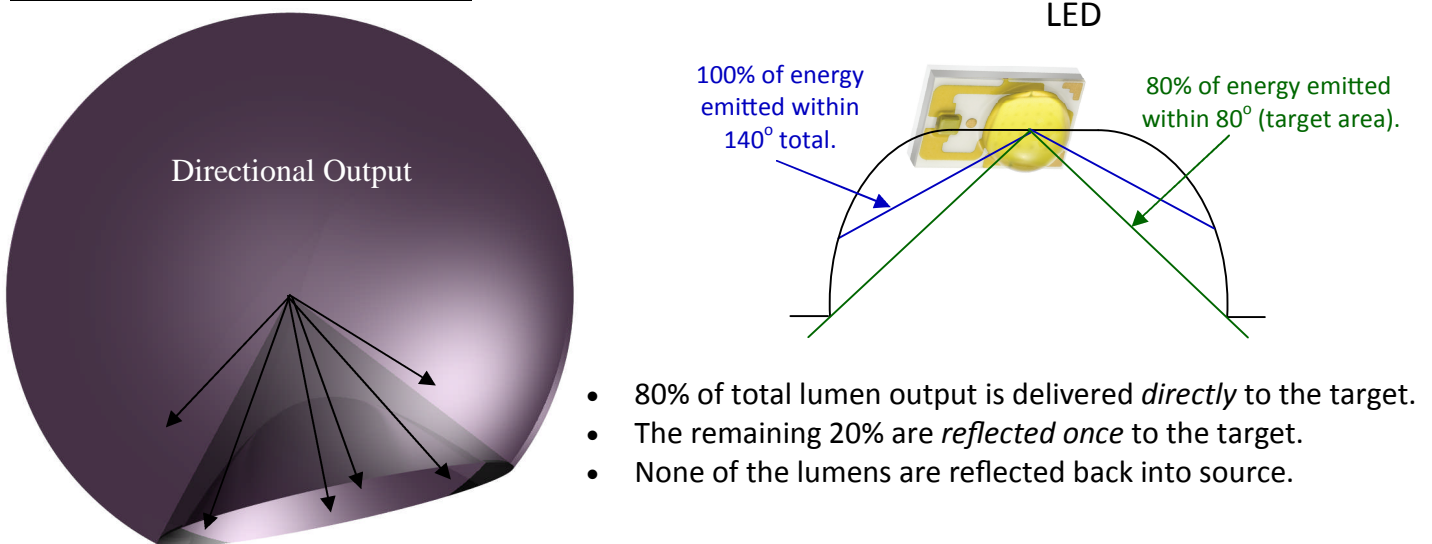
Omni-Directional (360° Spherical) Light Sources (HID and Fluorescent)

- Source lumens, as opposed to useable light, are often advertised using data from a 360° spherical output.
- <14% of the source lumens trace directly to the target area
- >86% of source lumens must be redirected⁽¹⁾.



MORE THAN 70% OF OMNI-DIRECTIONAL LUMENS ARE LOST.

Directional Light Sources (LED)



MORE THAN 94% OF DIRECTIONAL LUMENS ARE DELIVERED.

(1) Sphere is 24' radius, 48' diameter, surface area of 5097ft². Target area (30' diameter on floor) is 707ft².
 (2) Apex of cone is at center of sphere to represent a 24' base of luminaire mounting height.