

What is Light Pollution?



The United States At Night

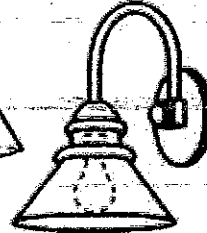
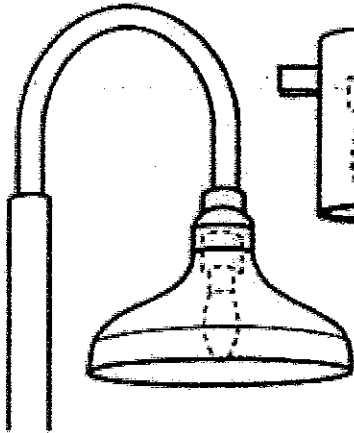
It is estimated that over \$4.5 billion dollars is wasted every year in the US on Light Pollution

LIGHT POLLUTION occurs when outdoor lighting is misdirected, misplaced, unshielded, excessive or unnecessary. As a result, light spills unnecessarily upward and outward, causing glare, light trespass, and a nighttime urban "sky glow" overhead, indicating wasted energy and obscuring the stars overhead.

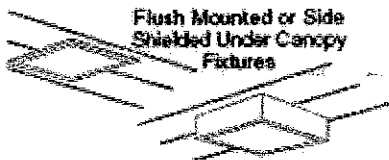
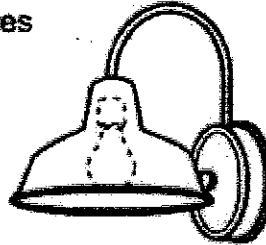
RECOMMENDATIONS FOR GOOD OUTDOOR LIGHTING

1. Use shielded light fixtures (light bulb is recessed in an opaque cap and aimed downward) for outdoor lighting, including sign lighting.
2. Install timer controls or motion sensors to shut off lights when not needed.
3. Mount at a height that will limit light trespass onto other properties.
4. Use energy conservation light sources (compact fluorescent or high pressure sodium) and at the minimum light output needed for safety. Avoid light bulbs which are in excess of 3000Kelvin to reduce glare and skyglow.
5. Check with the local Building Inspector or Planning Department for exceptions or for additional requirements for commercial site plan approvals.

**Fully Shielded
Wallpack & Wall
Mount Fixtures**



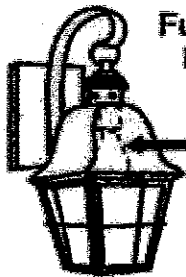
Fully Shielded Fixtures



**Shielded / Properly-aimed
PAR Floodlight**



**Fully Shielded
Walkway
Bollards**



**Fully Shielded
Decorative
Fixtures**

**bulb shielded
in opaque top**



**Fully Shielded
'Period' Style
Fixtures**

**bulb shielded
in opaque top**

