

James Abrams @ Clockwork Home Services, Inc.: Lessons from a Serial Entrepreneur

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Glare
-blinding glare
-disability glare
-discomfort glare



Scientific definitions include the following:

- Degradation of photo habitat by artificial light
- Alteration of natural light levels in the outdoor environment caused by artificial light sources
- alteration of light levels in the indoor environment due to sources of light, which compromises human health
- Light pollution is the introduction by humans, directly or indirectly, of artificial light into the environment

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Health effects of over-illumination

Increased headache occurrence, weight fatigue, medically defined stress, decrease in visual function and increase in anxiety.

Definition:

Light pollution is the introduction by humans, directly or indirectly, of artificial light into the environment.

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Light pollution is a side effect of industrial civilization. Its sources include building exterior and interior lighting, advertising, commercial properties, offices, factories, streetlights, and illuminated sporting venues.

Types

1. Skyglow
2. Light trespass
3. Glare
4. Light clutter

Over-illumination

Over-illumination is the excessive use of light.



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Specifically within the United States, over-illumination is responsible for approximately two million barrels of oil per day in energy wasted.

Thank you!



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Diagram

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Definition:

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Light pollution/photopollution/
luminous pollution: excessive,
misdirected, or obtrusive artificial light



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Aerial view of Paris at night (France)

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Skyglow:



This time exposure photo of New York City at night shows skyglow, one form of light pollution.

Types

Light trespass: unwanted light enters one's property, for instance, by shining over a neighbor's fence causing problems such as sleep deprivation.



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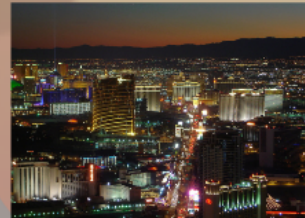
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Light clutter

may generate confusion, distract from obstacles



The Las Vegas Strip displays excessive groupings of colorful lights. This is a classic example of light clutter.

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Christmas lights in California.

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