

Lighting Fact Sheet

Summary/Principles of Operation

There are three types of gas lighting, including:

Traditional bright white – standard in industry for years; uses a mantle that is heated and glows; provides a harsh bright white light; produces much more light than a blue gas flame.

Open flame – newer product; classic 19th century look; decorative lighting; low light output (flickering yellow light). Open flame does not use a mantle but gas flows directly from pipe.

Specialty lighting – tiki torch styles.

Gas lighting can be mounted on a post, pier, wall or ceiling and can be used indoors and out. Input Btu/hr ratings range from 1,800 to 10,000.

Costs

Prices range from \$700-\$900 per lamp. Posts can cost an additional \$700-\$1,600, depending on the construction, style and finish. Wall mount and pier mount hardware can add around \$100 to the cost per lamp.

Strengths/Opportunities

- Natural gas lights add charm and security to property.
- Electric lights cannot duplicate the same soft, amber glow of gas lights. The light produced by gas lighting does not create harsh shadows like electric flood lighting, and insects are not attracted by gas lights.
- Reliable gas lights do not depend on electricity so they continue to shine brightly even through power outages.
- Gas lighting is all about ambiance.
- Gas lights require little maintenance. Models constructed of copper or heavy cast aluminum and tempered glass with brass valves and trim will last for years.
- U.S. Gaslight offers a gas light with a battery-operated, solar-charged power source that turns the gas light on at dusk and off at dawn.

Weaknesses/Barriers

- Certain types of gas lighting do not provide the bright light that electric lights can.
- Gas lights are not as well-suited to everyday use as electric lights.
- Tiki torches that use oil can be readily moved.
- Mantle-mounted lights require occasional replacement.
- Gas lights are not the most efficient way to light.
- Piping required

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Market Niches

- Residential
- Hotels and Motels
- Colleges and Universities
- Restaurants

Competition

Electric lights
Oil torches

Distributors

Gas-Lite Manufacturing Company
3701 Charlotte Street
Pittsburgh, PA 15201
p: (412) 683-6434 f: (412) 683-6440
<http://www.gaslite.com/>

Gas Products Company
7173-G Covington Highway
Lithonia, GA 30058
p: (800) 476-4790
<http://gasproductscompany.com>