

Light Tower - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

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Report description:

The Light Tower Market is expected to register a CAGR of 5% during the forecast period.

Key Highlights

- The light tower market is witnessing increased demand from various industries worldwide and has led to rapid product innovations from different vendors operating in this market. Additionally, most light towers run on diesel due to their high demand across construction, industrial, and mining activities.
- Some of the significant factors essential to industrial requirements are more excellent light coverage in terms of the lumen, increased durability, and the right power source. The LED has been able to address those essential requirements. It has been preferred over other existing technologies, as it has higher fuel savings, broader coverage of light with more than 100,000 lumens, and is comparatively cheaper to own and maintain.
- Further, the increased demand for more rugged and durable light towers from industries like mining and construction has led to significant manufacturers launching newer heavy-duty versions of tower lights for harsher deployments. For instance, in March 2020, Lind Equipment launched All-in-One Beacon LED Tower. The company focused on the North American market, and nearly 90% of Lind Equipment's sales come from rental activities.
- Additionally, mobile light towers are gaining popularity owing to several benefits it offers. A mobile light tower is a system composed of the trailer, lifting mast, power supply, and lighting equipment, among others. The trailer can be an independent body towed by a vehicle or modified from existing and various trucks. The lifting mast, lighting equipment, and other equipment are reasonably installed on the trailer and combined to form a complete movable lighting system.
- Furthermore, the mobile light tower is suitable for large-area, high-brightness lighting needs for large-scale, high-brightness lighting in military, highway, railway, electric power, public security, and other enterprises and institutions, and various large-scale construction operations, mine operations, maintenance, and repair, accident handling, and disaster relief.

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- However, looking at applications, such as job sites and unique event lighting solutions, Allmand Bros. Inc., in February 2020, launched a Night-Lite GR-Series light tower line. It features a compact structure with flexible powertrain options, such as air-cooled diesel, gasoline, or a towable chain unit.

Light Towers Market Trends

LED Light Tower Accounts For the Largest Market Share

- LED light towers incorporate LED lamps to illuminate various locations. Such lighting equipment relies on a solid-state design that ensures its sturdiness under extreme working conditions. LEDs use no reflectors for saving light, and this offers the use of the same type of setup and lesser wattage requirements to produce the same amount of lumens as the Metal Halide Towers.
- Moreover, LED light towers are increasingly favored over metal halide towers over the past few years and are replacing the longstanding metal halide towers and are now the most used towers globally. This is due to their numerous advantages over the metal halide towers.
- One of the most significant advantages of LED light towers is the fuel efficiency it offers compared to the metal halide towers. LEDs can save up to 40% of energy compared to traditional lighting options. Under optimal conditions, such lamps reach up to 80% efficiency with an average of 60-70%. By comparison, metal halide units average roughly 50% energy efficiency during electrical power conversion to light.
- Unlike metal halide lamps, LED lights can be toggled instantly. There is no waiting period during start-up, and operators can toggle the lights any time while working. This offers greater flexibility on the Jobsite, allowing workers to make adjustments to the lighting conditions of the area without significant delays. Furthermore, total power is achieved almost immediately.
- Additionally, LEDs possess several eco-friendly benefits for businesses due to their ability to cut down energy costs. The fixtures do not use toxic chemicals, such as mercury and lead to produce light. As a result, the units are easily recyclable and do not require sensitive handling during disposal. This also makes the lights safer to use on the Jobsite and considerably lowers health-related risks during accidents in the workplace.

North America Accounts For the Largest Market Share

- Vendors are continuously expanding their product lines. In January 2020, Wanco Inc. announced its "next-generation" compact light tower, with features designed specifically for safety and better-operating costs. With the WALi Compact, one can fit up to 18 units on a single truck, taking up less room around the yard or job site.
- The new features include the giant fuel tank, tallest tower available, and safest light adjustment from the ground. The Wanco Compact Light Tower is engineered to last, with durable components that incorporate an all-welded structural steel frame, the only steel cabinet in its class, and a safety dual-pulley system that lifts each tower section from the bottom, creating a more reliable weight-balanced load, that improves safety. Additional options include the brightest LED fixtures in its class, numerous cold-weather packages, low dB levels, multiple engine options, and an automated dusk-to-dawn control system that allows the light tower to turn itself on and off without an operator.
- In February 2020, Allmand Bros. Inc., a subsidiary of Briggs & Stratton Corporation and a high-performance portable job site equipment manufacturer announced its new Night-Lite GR-Series light tower line Maxi-Heat 1M BTU towable heater at the 2020 ARA Show.
- Further, according to the US Census Bureau, the value of construction in the United States is estimated to reach some USD 135 billion in 2022. The US government expects civil engineering construction expenditures in the country to grow consistently. Civil engineering construction spending will likely come to about USD 371.6 billion by 2022 in the United States. Additionally, according

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to a new forecast from the American Institute of Architects, the US non-residential construction market is anticipated to grow to 2.4% in 2020 compared to the previous year.

- US-based Terex Corporation provides a heavy-duty light tower to fit virtually any lighting need, from construction sites and sporting events to mining and oil field applications. Terex light towers include various features and options to help enhance the productivity of each unit for specific Jobsite needs.

Light Towers Industry Overview

The light towers market is moderately competitive and consists of several major players. A few of the major players currently dominate the market in terms of market share, which continues to hold a considerable share in the overall market, especially across developed economies in regions such as North America and Europe. In developing economies such as India and China, the market is mainly unorganized, featuring the dominance of regional or local vendors. Realizing the vast growth opportunities, international players slowly enter these unorganized markets through mergers, acquisitions, and establishing supply networks.

- June 2021 - Generac Mobile has developed an 'all-in-one' mobile lighting tower offering a single machine with diesel, battery, hybrid, mains power, and solar options.

- January 2021 - Atlas Copco has introduced a new ultra-quiet, diesel-driven LED light tower in urban and residential areas. Delivering operating noise levels as low as 55 dBA, the renewed version of the HiLight B5+ light tower is ideally suited to provide illumination at events, temporary public lighting, or enhanced visibility at construction sites near residential areas.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

Table of Contents:

1 INTRODUCTION

1.1 Study Assumptions and Market Definition

1.2 Scope of the Study

2 RESEARCH METHODOLOGY

3 EXECUTIVE SUMMARY

4 MARKET INSIGHTS

4.1 Market Overview

4.2 Industry Attractiveness - Porter's Five Force Analysis

4.2.1 Bargaining Power of Suppliers

4.2.2 Bargaining Power of Consumers

4.2.3 Threat of New Entrants

4.2.4 Threat of Substitute Products

4.2.5 Intensity of Competitive Rivalry

4.3 Industry Value Chain Analysis

4.4 Impact of COVID-19 on the Industry Ecosystem

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5 MARKET DYNAMICS

5.1 Market Drivers

5.1.1 Investments and Rapid Growth in the Oil and Gas, Mining and Construction Sectors

5.1.2 Focus on Reducing Light Tower Emissions

5.2 Market Challenges

5.2.1 High Cost of Solar Light Towers and LED Lights and Increasing Growth of the Rental Industry

6 MARKET SEGMENTATION

6.1 By Type

6.1.1 LED Light Tower

6.1.2 Metal Halid Light Tower

6.2 By Type of Power Source

6.2.1 Solar Powered

6.2.2 Diesel Powered

6.2.3 Hydrogen Fuel Powered

6.2.4 Directly Powered

6.3 By End-user Industry

6.3.1 Construction

6.3.2 Oil & Gas

6.3.3 Mining

6.3.4 Industrial

6.3.5 Other End-user Industries

6.4 By Geography

6.4.1 North America

6.4.2 Europe

6.4.3 Asia Pacific

6.4.4 Latin America

6.4.5 Middle East and Africa

7 COMPETITIVE LANDSCAPE

7.1 Company Profiles

7.1.1 Atlas Copco AB

7.1.2 Terex Corporation

7.1.3 Generac Power Systems Inc.

7.1.4 Larson Electronics LLC

7.1.5 Doosan Portable Power

7.1.6 Colorado Standby

7.1.7 Westquip Diesel Sales

7.1.8 Wacker Neuson Group

7.1.9 Youngman Richardson & Co. Ltd

7.1.10 Inmesol Gensets SL

7.1.11 J C Bamford Excavators Ltd

7.1.12 Xylem Inc.

7.1.13 Wanco Inc.

7.1.14 BMI Group

7.1.15 The Will-Burt Company

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8 INVESTMENT ANALYSIS

9 MARKET OUTLOOK

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