

# Global Heavy-Load Tethered Lighting Drone Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global Heavy-Load Tethered Lighting Drone market size is expected to reach \$ 565 million by 2032, rising at a market growth of 8.5% CAGR during the forecast period (2026-2032).

Heavy-Load Tethered Lighting Drone is a tethered unmanned aerial platform engineered for prolonged airborne illumination missions, capable of carrying high-intensity lighting payloads such as LED arrays or floodlights while maintaining stable hover. These drones use a tether cable to provide continuous power and data connectivity from the ground, enabling extended operation times far beyond typical battery limits. They are widely deployed in outdoor scenarios requiring sustained high-output lighting, including large-scale events, emergency response, road construction zones, and sporting venues. In 2024, the global market size of heavy-load tethered lighting drones is approximately USD 324.8 million, with annual shipments of about 32,540 units. The market is expected to grow at a compound annual growth rate (CAGR) of around 8.7% over the next five years. The average market price is approximately USD 9,980 per unit, typical single-line production capacity ranges from 1,200 to 5,800 units per year, and industry gross margins generally fall within the 22%–38% range.

This report studies the global Heavy-Load Tethered Lighting Drone production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Heavy-Load Tethered Lighting Drone and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Heavy-Load Tethered

Lighting Drone that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global Heavy-Load Tethered Lighting Drone total production and demand, 2021-2032, (Units)

Global Heavy-Load Tethered Lighting Drone total production value, 2021-2032, (USD Million)

Global Heavy-Load Tethered Lighting Drone production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Units), (based on production site)

Global Heavy-Load Tethered Lighting Drone consumption by region & country, CAGR, 2021-2032 & (Units)

U.S. VS China: Heavy-Load Tethered Lighting Drone domestic production, consumption, key domestic manufacturers and share

Global Heavy-Load Tethered Lighting Drone production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)

Global Heavy-Load Tethered Lighting Drone production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Units)

Global Heavy-Load Tethered Lighting Drone production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global Heavy-Load Tethered Lighting Drone market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Fotokite, RCDrone, Zenith Aerotech, XD Motion, EELTEX, Elistair, Odak R&D Center, CZZN, ZHEJIANG GBI INTELLIGENT EQUIPMENT, ICNA, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices

used in analyzing the World Heavy-Load Tethered Lighting Drone market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

### Global Heavy-Load Tethered Lighting Drone Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

### Global Heavy-Load Tethered Lighting Drone Market, Segmentation by Type:

High Power

Medium Power

Low Power

### Global Heavy-Load Tethered Lighting Drone Market, Segmentation by Power Supply:

AC

DC

Mix

### Global Heavy-Load Tethered Lighting Drone Market, Segmentation by Application:

Commercial

Civil

Military

### Companies Profiled:

Fotokite

RCDrone

Zenith Aerotech

XD Motion

EELTEX

Elistair

Odak R&D Center

CZZN

ZHEJIANG GBI INTELLIGENT EQUIPMENT

ICNA

Icarusg Uav

Axiliu

Beijing Zhuoyi Intelligent Technology

Beijing Topsky Century Holding

TSATX

Nanjing Weize Creative Electronics Technology

Myuav Technology

**Key Questions Answered:**

1. How big is the global Heavy-Load Tethered Lighting Drone market?
2. What is the demand of the global Heavy-Load Tethered Lighting Drone market?
3. What is the year over year growth of the global Heavy-Load Tethered Lighting Drone market?
4. What is the production and production value of the global Heavy-Load Tethered Lighting Drone market?
5. Who are the key producers in the global Heavy-Load Tethered Lighting Drone market?
6. What are the growth factors driving the market demand?

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