

# Global Direct-Lit Flat Panel Light Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G50FB5E31DE2EN.html>

Date: July 2026

Pages: 106

Price: US\$ 3,480.00 (Single User License)

ID: G50FB5E31DE2EN

## Abstracts

According to our (Global Info Research) latest study, the global Direct-Lit Flat Panel Light market size was valued at US\$ 1158 million in 2025 and is forecast to a readjusted size of US\$ 1537 million by 2032 with a CAGR of 4.0% during review period.

In 2025, the global production volume of direct-lit LED flat panel lights is projected to reach 150 million units, with an average selling price of \$7.50 per unit. The global annual production capacity for direct-lit flat panel lights stands at approximately 220 million units, with a gross margin of approximately 22.3%. A direct-lit flat panel light is a common type of LED flat lighting fixture; its core structural characteristic is that the LED beads are arranged directly on the fixture's base plate (backplate), allowing light to shine directly downward after passing through optical components such as a diffuser to create a uniform surface light source. The upstream segment of the direct-lit flat panel light industry includes components such as LED chips, PCB substrates, and light guide plate materials. The midstream segment consists of the manufacturers of direct-lit flat panel lights, while the downstream segment primarily encompasses applications in commercial, private, and government sectors.

The market for direct-lit flat panel lights is currently in a mature and steadily developing phase, holding a significant position within the commercial and industrial lighting sectors. Driven by the continuously rising demand for high-quality illumination in office, educational, healthcare, and commercial spaces, direct-lit flat panel lights distinguished by their high brightness, superior uniformity, and reliable thermal management have emerged as a classic choice for ceiling-mounted general lighting. Concurrently, influenced by technological trends in the LCD display industry, direct-lit backlight solutions continue to find application in the high-end large-screen TV and professional

monitor markets, where they serve to meet demands for higher contrast ratios and precise light control. Nevertheless, the market also faces competitive pressure from edge-lit flat panel lights (which are thinner and lower in cost) as well as other novel lighting solutions (such as COB and Mini LED surface light sources). Overall, direct-lit flat panel lights remain renowned for their stable performance and excellent luminous efficacy; they maintain robust demand in application scenarios where lighting quality takes precedence over extreme slimness, resulting in a relatively mature and stable market landscape.

This report is a detailed and comprehensive analysis for global Direct-Lit Flat Panel Light market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

#### Key Features:

Global Direct-Lit Flat Panel Light market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Direct-Lit Flat Panel Light market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Direct-Lit Flat Panel Light market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Direct-Lit Flat Panel Light market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

#### The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Direct-Lit Flat Panel Light

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Direct-Lit Flat Panel Light market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Philips, Panasonic, OSRAM, TCL, OPPLE, NVC Lighting, Midea, Jiangsu Shinuo Lighting, ZheJiang Klite Lighting, FSL, etc.

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

## Market Segmentation

Direct-Lit Flat Panel Light market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

Embedded Type

Suspension Type

Ceiling Type

### Market segment by Power

3W-12W

15W-24W

36W and Above

## Market segment by Optical Design

Standard Direct-Lit

Lens-Type Direct-Lit

Reflective Direct-Lit

## Market segment by Application

Commercial Use

Private Use

Government Use

## Major players covered

Philips

Panasonic

OSRAM

TCL

OPPLE

NVC Lighting

Midea

Jiangsu Shinuo Lighting

ZheJiang Klite Lighting

FSL

## CH LIGHTING TECHNOLOGY

Greatlighting

Quasar Optoelectronics

Walstar International Lighting

NYPI

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Direct-Lit Flat Panel Light product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Direct-Lit Flat Panel Light, with price, sales quantity, revenue, and global market share of Direct-Lit Flat Panel Light from 2021 to 2026.

Chapter 3, the Direct-Lit Flat Panel Light competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Direct-Lit Flat Panel Light breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Direct-Lit Flat Panel Light market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Direct-Lit Flat Panel Light.

Chapter 14 and 15, to describe Direct-Lit Flat Panel Light sales channel, distributors, customers, research findings and conclusion.

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