

The 2027-2032 World Outlook for Chip-on-Board Light-Emitting Diode (CoB LED) Outdoor Lighting

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Abstracts

This study covers the world outlook for chip-on-board light-emitting diode (CoB LED) outdoor lighting across more than 190 countries. For each year reported, estimates are given for the latent demand, or potential industry earnings (P.I.E.), for the country in question (in millions of U.S. dollars), the percent share the country is of the region, and of the globe. These comparative benchmarks allow the reader to quickly gauge a country vis-à-vis others. Using econometric models which project fundamental economic dynamics within each country and across countries, latent demand estimates are created. This report does not discuss the specific players in the market serving the latent demand, nor specific details at the product level. The study also does not consider short-term cyclicalities that might affect realized sales. The study, therefore, is strategic in nature, taking an aggregate and long-run view, irrespective of the players or products involved.

In this report we define the sales of chip-on-board light-emitting diode (CoB LED) outdoor lighting as including all commonly understood products and/or services falling within this broad category, irrespective of product packaging, formulation, size, or form. Companies participating in this industry include Acuity Brands Lighting, Bridgelux, Citizen Electronics Company, Cree, Everlight Electronics Company, Excelitas Technologies®, General Electric Company, Havells India, LEDVANCE, Leiso Lighting (Dongguan) Tech., Lextar Electronics, LG Innotek, Lumileds Holding, Nichia Corporation, OSRAM Licht, Samsung Electronics Company, Seoul Semiconductor Company, Sharp Corporation, Signify, Tridonic GmbH &, and Zumtobel Group. In addition to the sources indicated, additional information available to the public via news and/or press releases published by players in the industry was considered in defining and calibrating this category. All figures are in a common currency (U.S. dollars, millions) and are not adjusted for inflation (i.e., they are current values). Exchange rates

used to convert to U.S. dollars are averages for the year in question. Future exchange rates are assumed to be constant in the future at the current level (the average of the year of this publication's release in 2026).

This study does not report actual sales data (which are simply unavailable, in a comparable or consistent manner in virtually all of the countries of the world). This study gives, however, Professor Parker's estimates for the worldwide latent demand, or the P.I.E., for chip-on-board light-emitting diode (CoB LED) outdoor lighting. It also shows how the P.I.E. is divided across the world's regional and national markets. For each country, he also shows his estimates of how the P.I.E. grows over time (positive or negative growth). In order to make these estimates, a multi-stage methodology was employed that is often taught in courses on international strategic planning at graduate schools of business.

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