

# **Global Outdoor Solar LED Market Size study, by Application (Solar LED Street Lights, Solar Garden LED Lights, Solar LED Floodlights, Solar LED Area Lights, Solar LED Spot Lights), End Use (Residential, Commercial, Industrial), by Wattage (Less than 39W, 40W to 149W, More than 150W) and Regional Forecasts 2021-2027**

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## **Abstracts**

Global Outdoor Solar LED Market is valued approximately USD 4.35 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 24.5 % over the forecast period 2021-2027. Outdoor Solar LED or LED solar street lights can be described as outdoor light sources which are powered by photo-voltaic panels (solar panels) mounted on the lighting structure. The panels charge a rechargeable battery which in turn powers an LED lamp during the night. Urbanization, increasing vehicular traffic, growing road infrastructure, has led the adoption of Outdoor Solar LED across the forecast period. As number of highways increase, it ultimately will result in demand for street lights. For instance, as per the Union Budget 2021-22 government of India invested 1,18,101 crore in highway sector. In 2017, investments reached a high of roughly 9.1 billion euros in UK. However, high manufacturing costs impede the growth of the market over the forecast period of 2021-2027. Also, with the increasing projects such as smart cities, Bharatmala project, longer life expectancy and ease of installation, adoption & demand for Outdoor Solar LED which is likely to increase.

In the regional analysis of global Outdoor Solar LED market includes the regions as Asia Pacific, North America, Europe, Latin America and Rest of the World. Europe is the leading region across the world in terms of market share owing to highway infrastructure development plans in the U.K., Germany, France, and other European countries.

Whereas, Asia-Pacific is also anticipated to exhibit highest growth rate over the forecast period 2021-2027. Factors include increasing number of smart cities, infrastructure development, and city expansion projects in several countries in the region can be attributed to the growth of the regional market.

Major market player included in this report are:

Greenshine New Energy

Jiawei

LEADSUN

OkSolar

SBM-SolarTech

SEPCO Solar Electric Power Company

Signify Holding

SOKOYO

Solar Street Lights USA

Sunna Design SA

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Application:

Solar LED Street Lights

Solar Garden LED Lights

Solar LED Floodlights

Solar LED Area Lights

Solar LED Spot Lights

By End Use:

Residential

Commercial

Industrial

By Wattage:

Less than 39W

40W to 149W

More than 150W

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019

Base year – 2020

Forecast period – 2021 to 2027

Target Audience of the Global Outdoor Solar LED Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers  
Investors

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