

Global LED Lighting Market: (2018-2022 Edition)

October 2018



Global LED Lighting Market: Coverage

Executive Summary and Scope

Introduction/Market Overview

Global Market Analysis

Regional Market Analysis

Competitive Landscape

Company Profiles

Global LED Lighting Market: Coverage

Scope of the Report

Attributes	Details
Title	Global LED Lighting Market: (2018-2022 Edition)
Coverage	Global and Regional
Market Influencing Variables	Growth Drivers, Challenges, Market Trends
Forecast Period of Market	2018-2022
Competition in the Market	Fragmented
Key Players	Cree Inc., Philips, OSRAM

Global LED Lighting Market

Executive Summary

LED or Light Emitting Diode is a semiconductor device which glows when electric current is passed through it. Earlier, LEDs were made from semiconductor material such as gallium arsenide and were produced in only a few colors (mainly red or green). Newer LEDs are made from synthetic materials such as p-phenylenevinyl and can produce light of any color. Light emitting diodes produce light by the movement of electrons between the two terminals of diode, which occur by a process called electroluminescence. In this process, the electron loses its energy and the amount of energy lost defines the color of light produced.

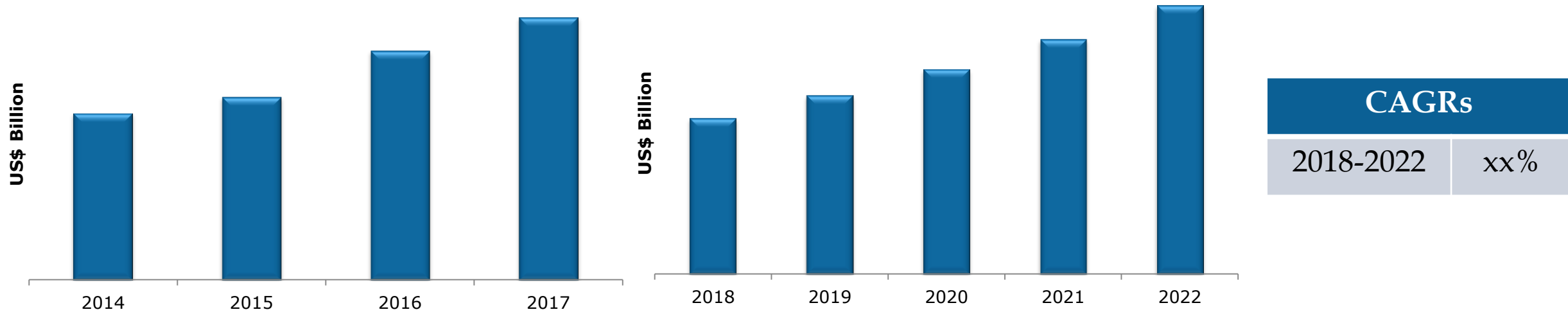
In 1907, the Englishman Henry Joseph Round discovered that inorganic materials can light up when an electric current is applied. In the same year, he published his discovery in the journal "Electrical World". But it was in 1967, when the first red luminescence diode (type GaAsP), developed by American Nick Holonyak, entered the market. That first LED in the visible wavelength area marked the birth of the industrially-produced LED.

The LED lighting can be segmented according to its application into lighting, backlighting, signage, automotive lighting and others. Some of the advantages of LED lights over the traditional light sources are long life, energy efficient, ecologically friendly, durable, zero UV emission, design flexibility, low voltage, etc.

The major growth drivers for the LED lighting market are increasing shipment and penetration of LED TVs, growing automobile industry, increasing LED penetration, phasing out of incandescent bulbs in many countries, supportive government policies and focus on energy efficiency. Despite the market is governed by various growth drivers, there are certain challenges faced by the market such as temperature dependence, high initial costs of LED, high research and development costs, etc.

LED Lighting Market: Global Analysis

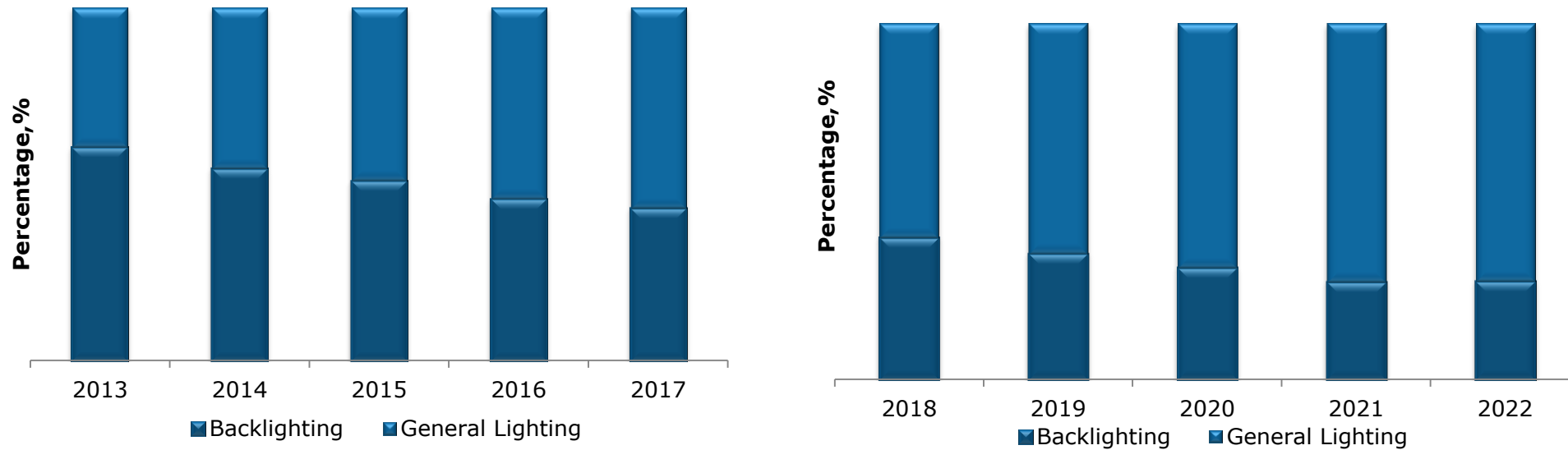
Global LED Lighting Market by Value



The global LED Lighting market was valued at US\$... billion in 2017, increased as compared to US\$... billion in 2016. The market is anticipated to reach up to US\$... billion by 2022 from US\$... billion in 2018..

LED Lighting Market: Global Analysis

Global LED Lighting Market by Segments

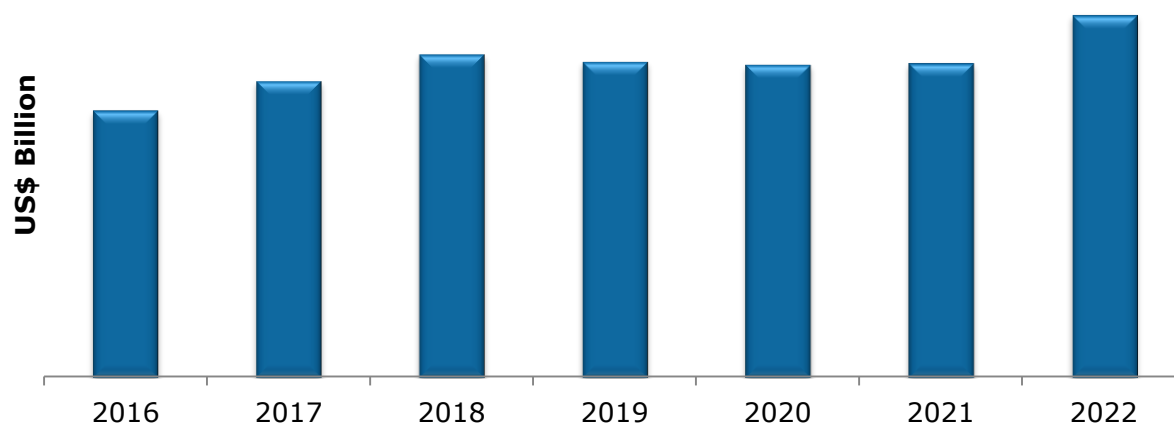


CAGRs	
2018-2022	xx%

The backlight segment held a share of ...% share in 2017, decreased from ...% share in 2016. The backlight share is expected to reach to ...% share in 2022, as compared to ...% in 2018. The general lighting held the ...% share in 2017, increased from ...% share in 2016. The general lighting share is expected to reach to ...% share in 2022, as compared to 60.3% in 2018.

LED Lighting Market: Segment Analysis

Global LED Backlight Market by Value



CAGRs

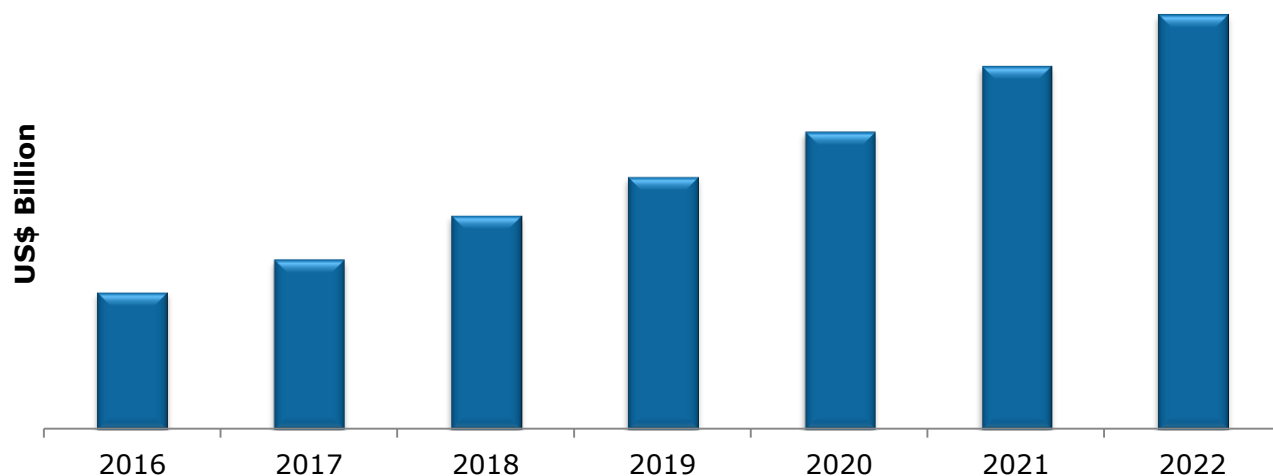
2018-2022

xx%

The market value of global LED backlight is projected to increase to US\$... billion in 2022 from an expected US\$... billion in 2018 posting a CAGR of ...% over the years 2018-2022. Features offered such as dimming backlight capability coupled with broad color gamut are anticipated to aid the LED backlighting market growth in the approaching years

LED Lighting Market: Segment Analysis

Global LED General Lighting Market by Value



CAGRs

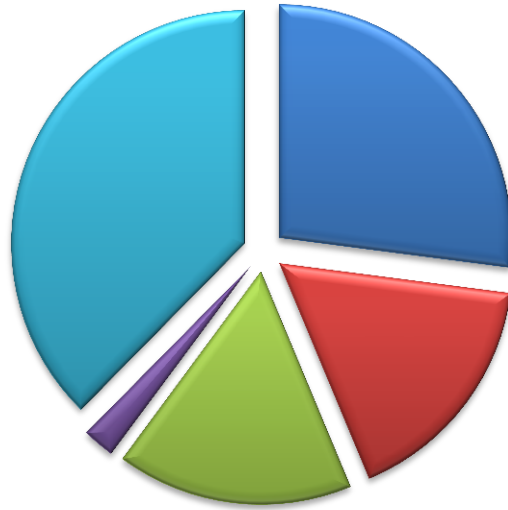
2018-2022

xx%

The market value of global general LED is projected to increase to US\$... billion in 2022 from an expected US\$... billion in 2018 posting a CAGR of ...% over the years 2018-2022. The key reason sighted behind the estimated positive market growth in the coming years could be attributed to declining average selling price of chips and components used in manufacturing. This decreased cost leads to reduced installation cost of LED lamps.

LED Lighting Market: Regional Analysis

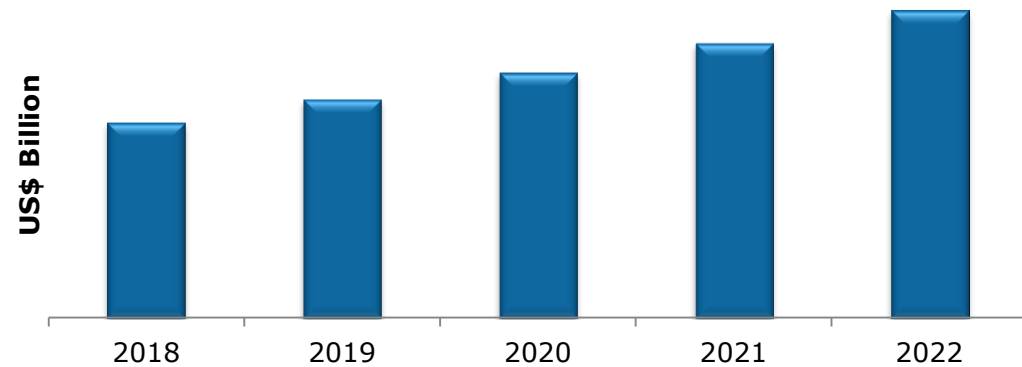
Global LED Lighting Market by Region; 2017



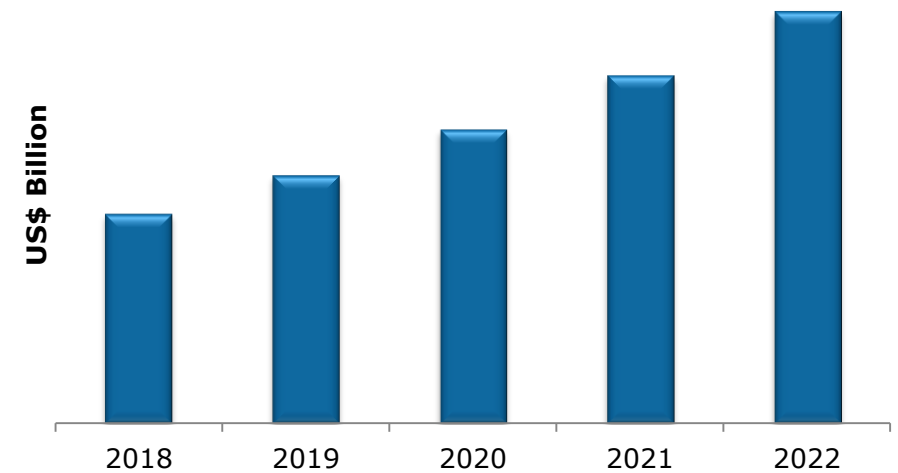
Region	Share
Europe	xx%
North America	xx%
China	xx%
India	xx%

LED Lighting Market: Regional Analysis

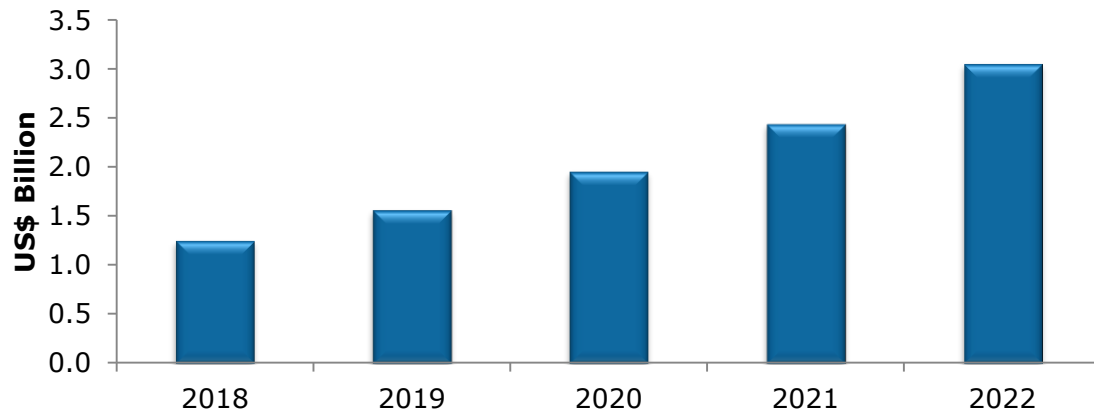
North America LED Lighting Market by Value



China LED Lighting Market by Value



India LED Lighting Market by Value



Segments	CAGR
	2018-2022
North America	xx%
China	xx%
India	Xx%

LED Lighting Market: Competitive Landscape

Players Profiled

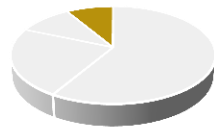
- Cree Inc.



- Philips



- OSRAM



Note: The above graphs are for pictorial representation only