

A large, glowing blue LED light fixture is the central focus of the image. It features a prominent central lens or diffuser and is surrounded by multiple rows of LED strips that create a bright, blue glow. The background is a solid, deep blue color, which makes the light fixture stand out. The overall aesthetic is modern and high-tech.

Production of LED chips



Production of LED chips



Relevance of the project

The development of the trend towards energy saving contributes to the growth of the market for LED light sources, including in the territory of the Republic of Uzbekistan. Practice shows that the demand for LED systems depends on the volume of government orders and funds allocated for the implementation of energy efficient technologies.

As you know, demand creates supply. Therefore, today we are witnessing the rapid development of the market for lighting fixtures with LED light sources. Indeed, thanks to their miniature size, more options have appeared for the implementation of the most daring and non-standard design projects.



Advantages of project implementation

According to analysts, by the end of this year the volume of the domestic lighting market will reach 1.4 billion USD. Last year, LEDs accounted for about 60% of the total turnover in the consumer and professional sectors of the lighting market.



Import analysis

The total import volume of LED chips in 2018 amounted to 30,743.6 thousand units. In monetary terms, this indicator amounted to **4.7 million USD**. In 2019, the volume of imports increased by 5%, reaching 32,141.5 thousand units in quantitative terms, and in monetary terms - **6.1 million USD**.



Local partners

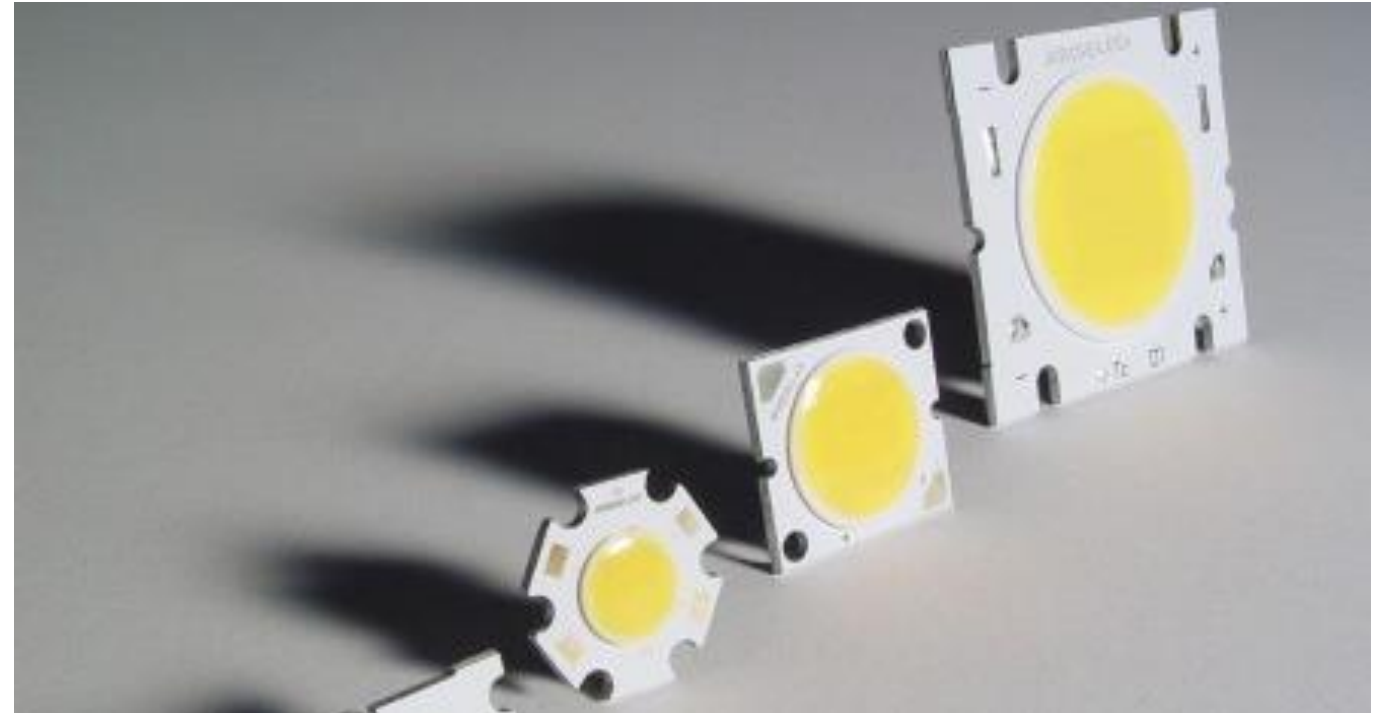
If necessary, assistance will be provided in the search and identification of local partners with production experience that are part of the Uzeltexsanoat Association.



Location of the project



Republic of Uzbekistan,
including in Free Economic
Zones



Key investment indicators

\$23.4 M

Estimated project cost

5 years

Payback period of the project

293

Number of new jobs created



Production volume and revenue

Product name	1 year		2 year		3 year		4 year	
	quantity (million units)	amount (in M USD)	quantity (million units)	amount (in M USD)	quantity (million units)	amount (in M USD)	quantity (million units)	amount (in M USD)
LED chips	12.2	27.5	14.2	33.8	18.3	45.9	20.4	53.7



Sales market

The local market of Uzbekistan, as well as neighboring Central Asian and CIS countries, are considered as the main markets for products.