



 **PANDORAGREEN**
light years ahead



Pandora Green was founded in 2011 to promote, develop and market the new technologies aimed to energy saving purpose creating a “Smart and Sustainable system” able to effectively meet the growing global energy needs.

Since its inception, we focused in the lighting sector because, according to our studies, it is the field where we can immediately obtain the best results from the point of view of energy efficiency without any dependence by government incentives.

This path was followed by a significant use of resources in research and development involved in both national and international programs with important Universities and research organizations of our country, both in the development of patents related to energy efficiency.

To date, our services and our LED (Light Emitting Diode) and LEP (Light Emitting Plasma) technology, allow to improve the lighting of homes, offices, any workplace and cities, achieving significant savings according to environment respect.

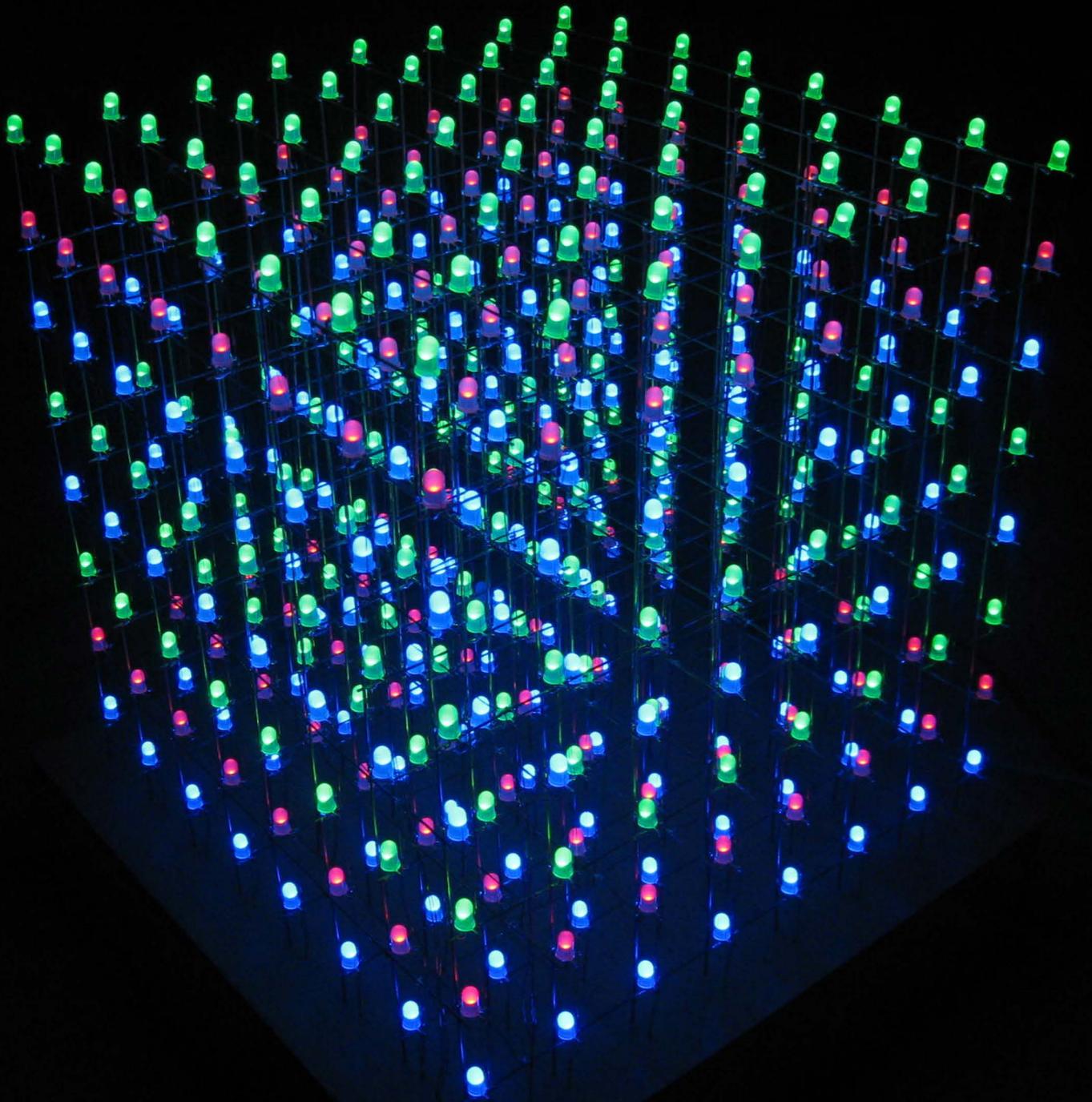


The services we offer are intended to produce the cuts on energy expenditure.

The process involves first a detailed energy analysis (Audit) to determine the needs, to identify key actions to do in compliance with regulations, then after the analysis of the data collected and based on the needs expressed, it draws together an offer with its business plan to check the actual investment payback.

Finally, we proceed with the supply and installation of lighting fixtures.

Alternatively, we can offer E.S.Co. (Energy Service Company) service. In practice you released from any organizational effort and investment, leaving us the implementation of the intervention. In other words, we buy, install, put into operation, test the technologies chosen and offer a maintenance service throughout the contract, you will pay us with the money you are going to save over time on electricity consumption and maintenance. This service is also available with or without transfer of energy bill.



The technologies that we propose provide a luminous efficiency that goes beyond your expectations.

In compliance with the most stringent national and international standards, the components used and the various certifications achieved, give a testimony and a warranty for the quality of our products that enable real savings on energy consumption ranging from 40 to '80 percent, and a life which can reach up to 50,000 hours.

Today the two product lines developed are with technology:

LED (Light Emitting Diode) solutions for medium-low power
LEP (Light Emitting Plasma) to high lumen application

The LED allows you to rethink the nature of light itself, creating new opportunities for application both in terms of technology and operating in domestic environments, offices and shops. The high energy efficiency, high color rendering, numerous gradations of color obtainable, increase of reliability and longevity, low maintenance and an easy installation are the most appreciated features of this technology that allows you to cut consumption smartly.

The LEP was born as a complementary technology to the LED to be used in high lumen application like in growing plants, street lighting, highways, tunnels and high mast, stadiums, athletic facilities, parking lots and at major events such as concerts. The LEP technology, such as LED, has a high efficiency and the possibility to dim the light intensity; this quality allows a smart energy-saving. The quality of light is so high with a very high color rendering index, up to 94, and there is a light spectrum very close to sun one allowing its usage also in the growing horticulture field.

All our technologies are guaranteed and certified according to the standards issued by the European Community.

Within the home, lighting is one of the most delicate factors to be taken into account to determine a certain level of comfort.

In fact, the light is a crucial aspect to handle for the correct use of space, given that each environment requires a particular type of lighting, in direct relation with the various tasks and the different time that it is spent in those spaces.

The lighting of the home is also important to transmit certain emotions in those who experience it: different lights, pull over in one way rather than another, can create sensory feelings that are also very different.

The versatility in application of LED technology, enables to create an indoor lighting really “tailored” for every need.

The possibility to use the same bases of the traditional electrical devices, the characteristics of low cost, long life and the regulation of light cause the LED technology represents, even in your own home, a very good alternative to traditional lighting.



The workplace is the environment where people spend more hours in a day.

Convert the lighting system of an office through the use of LED technology, generates a series of countless advantages, both in economic terms, that aesthetic, detail not negligible, of comfort.

A light non-invasive, as possible natural, chosen tailored and adapted to the characteristics of the environment, can have a positive effect on the mood of the worker and also on the health and productivity.

From the business point of view however, the efficiency and longevity of LED technology generate significant savings on energy costs as well as ensuring a more pleasant environment and modern fostering contacts with customers and corporate image.

Moreover, the are offices environments where there is an high demand for light-hours per year, so the payback period of an investment is very short even in conjunction with home automation systems integrated.



The lighting is a critical element of success for any business establishment whether it be a store or a local entertainment: if you choose a wrong lighting, it means compromising the future of your business.

If you give to the customer a pleasant and optimal lighting, it means respect him, convey a feeling of comfort and well-being that also promotes his stay with all the benefits it brings in terms of customer loyalty.

Today, with our products based on LED technology and with our lighting design office, you can get lighting project “tailored” for both indoor and outdoor, for every type of environment and need, while ensuring considerable savings on energy bill that also translates into respect for the environment.

In the case of the use of LED technology in shops or public places, there is also to consider the safety factor: LED lights do not heat, they do not attract insects, they have no IR and UV components and therefore they are considered lights “clean”, in addition to being insensitive to moisture and vibration.



For industries, the energy and lighting costs are important items within a corporate budget.

Today, companies need to set new energy policies through investments in energy efficiency and technological innovation.

The laws for industrial sites, are very strict and they must be adequate expertise in designing layouts for different types of work that you perform.

The reliability of a lighting system is also one of the most important factors to be taken into account since it is necessary to minimize the maintenance to avoid the risk of blocking the production cycle.

The LED technology and the range of products designed and developed entirely in the industrial field are able to fully meet all the needs of the case, even the most complex.



The lighting of the sports centers meeting the needs of different disciplines and the different types of systems. It is therefore essential to be planned according to individual needs.

Every sports center, for a correct lighting, need of special systems suitable for individual sports that must accommodate. Therefore, the lighting system must be designed and constructed looking a lot of variables related not only to the structure, but also to the type of sport, visual needs of athletes and spectators, and those of the surrounding environment.

The laws regarding light pollution are very strict and they determine a set of parameters must be necessarily followed in the design and manufacture of lighting systems for sports facilities.

One of the advantages of LED technology most appreciated by sports centers is related to the speed of starting ignition, in a few seconds in fact, even after a shutdown, you get 100% light output without waiting anything.

Thanks to the LEP technology, you can make energy efficiency for sustainable stadiums and large indoor sports facilities.

Pandora Green projected, supplied and realized the lighting of largest no-prof football center in Italy with LED technology.



The remote management & diagnostics, the LED & LEP lighting, the charging stations for electric vehicles, the widespread video surveillance, home automation and internet wi-fi broadband are the technologies that will play key roles in the innovation process of our cities.

Among these, the lighting is definitely one of the fundamental aspects of the project “Smart Cities” where the technologies will merge to give rise to the future cities more sustainable, efficient and environmentally friendly.

If you cut public spending related to energy utilities, improving and innovating infrastructure, you will create new jobs being able to use those resources saved in other projects of public interest.

Our range of road products interacts perfectly with all communication protocols and, thanks to the use of LED and LEP lighting technologies, today we are going to replace any type of light source, both low-and high-power, also going to improve the visibility of roads and the color fidelity of the monuments.





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