

# Innovation of MED-light lamps manufactured by LED design

## Characteristics:

Innovative MED-light lamps intended for medical applications which will find perfect application both in dental clinics, aesthetic medicine clinics, dental technic laboratories and veterinary offices, etc., are manufactured in Poland by the industry leader, LED design company, of the best components available in the world. They are characterized by a very long life, reliability and durability.

## Here are some of their most important advantages:

### **Long lifetime**

MED-light lamps have a lifetime of min. 100,000 hours, thanks to which, with a 10-hour operating mode, the lamp can work for over 30 years!

### **Energy efficiency**

The diodes used in the lamps are characterized with a very high power coefficient to the amount of light - 170 lumens from 1 WAT, which allows approx. 50% savings on the power consumption from the grid (in comparison, competitors' lamps give a maximum of 100 lumens from 1 WAT).

Furthermore, a very large amount of light from a small area of the working panel gives the opportunity to light any room, even rooms with the height of up to 3.5 m, where the level of light possible to get on the work surface allows one to work even with the smallest elements in comfortable conditions.

### **Comfort of work**

Thanks to the use of a high-quality diffuser, significantly softening the light, our lamps provide high comfort of work. Their light is pleasant both for the eye of the working physician, as well as the patient, without causing significant losses on luminance - the amount of light.

The MED-light lamps use diffusers, which dim only from 8 to 17% of light, while providing soft, diffused light. Most manufacturers use diffusers, which dim up to 60% of the light.

### **Precision of colours**

High color rendering coefficient CRI-95, which in practice gives a doctor or a technician a possibility to choose the perfect colour of work, without colour distortions. The light is similar to the parameters of daylight.

### **Dust-proofness**

The lamps have high dust-proofness index. In their construction, the lamps are equipped with special gaskets protecting against dust, water and other factors that may occur under difficult operating conditions.

### **Modern aesthetics**

A modern power supply system characterized by high reliability and small dimensions (in terms of volume to power ratio) considerably raises the aesthetic and functional advantages of the lamp. Additionally, the lamps are made of light metal alloys, which gives them a unique modern look.

## **Intelligent control**

MED-light lamps work with intelligent control systems. The lamps are equipped with a remote control system using a radio remote control, which allows to very precisely set the level of light needed for a particular medical procedure. The lamps provide high fluidity of settings, ranging from 1-100%.

## **Universal installation**

The unique design of the lamp allows you to mount it in several ways:

- a. Amstrong type ceiling,
- b. Gypsum cardboard ceiling
- c. Full ceiling

The lamp can be mounted at different heights - by adjusting the light intensity we can set the right intensity regardless of the height of the ceiling.

## **Universal application**

The lamps can be used anywhere in the world thanks to the use of special power supplies with an input voltage range of 90-305 Volts. The lamps also work quite well in conditions where there are voltage drops in the power network.

## **Low price**

Relatively low price, taking into account quality and technical parameters. The lamps of competitive manufacturers from Western Europe, with very similar technical parameters, are 4 times more expensive than MED-light lamps.