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A projector is a device that you will invariably see at offices, educational institutions, theaters and also increasingly in homes. The projector bulb is among the most critical parts of a projector and it also requires to be replaced every once in a while. Hence, it becomes important to be well-informed about the various types of projector lamps that exist in the market. Depending on this, you can choose which one suits your projector perfectly.

Following are the different types of a projector bulb:

â€¢ Halogen bulb: This type of bulb contains halogen gas. In such a bulb, the passing of electricity leads to a chemical reaction wherein halogen and a tungsten filament combine. This reaction leads to very bright light, which is then used in the projector. These bulbs were among the most widely used in almost all types of projectors upon a time. However, now things have changed and these bulbs have been replaced by other types of bulbs. Their advantage is that they are relatively less expensive than some other types of bulbs that are in demand these days. They create a yellowish light that is very bright. However, many people do not prefer the yellow tint that these lamps lend to the image. This is one of their disadvantages.

â€¢ Ultra high performance lamps: These lamps contain mercury along with fused quartz. The assembly is completed with an insoluble tungsten compound and also a molybdenum compound. They have power ranging from 100 watts to as much as 200 watts. They last for around 3,000 to 10,000 hours, which is relatively longer as compared to average projector lamps. However, since these lamps boast of great illumination as well as a long life, they also cost more than the other types of projector bulb. They are looked upon as a considerable investment. However, their disadvantage is that they are also known to emit ultraviolet radiation. The LCD projector lamp is also among these.

â€¢ Xenon bulb: These types of lamps consist of the xenon gas that is known to be a great conductor of electricity when present in a dense state. When electricity is passed through this gas, it illuminates brightly that is as good as natural light. Hence, projectors with xenon bulbs are known to provide excellent picture clarity. They also remain cool for a longer period of time, protecting your projector from problems related to overheating. This makes them the preferred choice for a Replacement Projector bulb.

These are the most popular types of a projector bulb these days and hence there are several dealers on the internet selling such lamps. However, it is advisable to check for the most experienced dealer.

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Electrosonic Lamps provide high quality LCD Projector lamp & a Replacement Projector Bulb

program which is owned and operated by Electrosonic. In addition a Projector Bulb Electrosonic can provide you a Xenon Bulb assembly and housing with a wide range of service solutions for your priority maintenance and support.

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