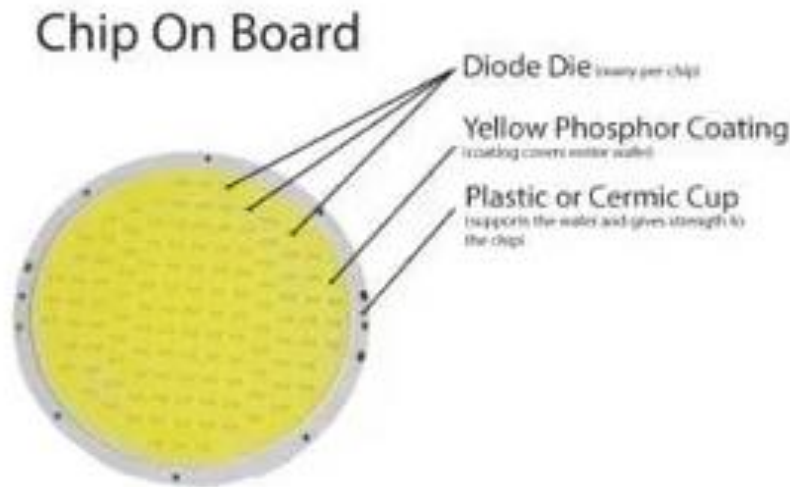


# Advantages of COB (or chip-on-board) LED

**smaller space of LED beads, better protection performance, long service life, and low dead light rate.**



1. Because of the multi-diode incorporation, there is a lot of light.
2. It produces more lumens while using less energy.
3. Due to the limited light emission zone, the device is small in size. As a consequence, the lumen per square centimeter/inch has grown significantly.
4. To active the many diode chips housed in COB LEDs, a single circuitry with only two connections is used. As a result, there are fewer parts per LED chip that are necessary for proper performance. Furthermore, by reducing the number of components and eliminating the standard LED chip architecture packing, the heat created by each LED chip can be decreased.
5. Due to the extreme ease of installation in an outside heat sink, the entire temperature range of the entire assembly is lower. When you keep things at a set temperature, they last longer and are more reliable, which saves you money.
6. Clarity is improved, and efficiency is boosted.
7. Since it can cover a big area with one chip, it has a huge focusing area.
8. Excellent anti-vibration properties