

ILLUMINATING LAMP AND VEHICLE HEAD LAMP, USING LIGHT EMITTING DIODE

ABSTRACT

An illuminating lamp and a vehicle head lamp, using a light emitting diode, respectively, are capable of not only keeping the same brightness as obtained at the time of lighting after many hours from the lighting, but also being usable for many hours without deterioration in efficiency besides advantages of providing a high output in low power consumption, a long service life, and a simple structure. The illuminating lamp comprises a light source support made up of an upper structure and a lower structure, the upper structure being linked with the lower structure via the heat conduction bar, wherein the light source support is inserted into an aluminum heat-release mount, thereby causing heat generated from the light emitting diode to be released into the aluminum heat-release mount through cooling of the heat conduction bar.

Fig. 2