

The invention relates to lighting equipment. The LED modular unit includes a plurality of LED modules and a plurality of individual heat sinks. Each heat sink has a base, a plurality of ribs. Each LED module has at least one LED and is mounted on the mounting surface of a separate heat sink. Each pair of adjacent heat sinks has connecting elements in the form lugs and grooves that interconnected the pair heat sinks. Each heat sink fit surface is formed on the end surface, the basis is the core, and the ribs and coupling elements are arranged around the core. Connecting elements at connection form locks and provide fixed connection of the heat sinks to a cellular structure. Technical result of the invention is in increase of the amount of heat that is removed from each of the LED modules and increase of the rigidity of the modular LED unit.