

MD.10.

Title **Lamp for outdoor lighting based on LED**

Authors **Dorogan Valerian, Vieru Tatiana, Secrieru Vitalie, Vieru Stanislav, Munteanu Eugen, Dorogan Andrei, Zaprojan Sergiu.**

Institution **Micro-Optoelectronics Laboratory / Technical University of Moldova**

Patent no. Patent pending

Description EN The functionality of the street lamp is based on a power supply block, which permits to form the supply voltage without using high frequency transformers. The stabilization of work current assures a uniform spreading of load and optic flow homogenization. The small number of electronic components allows increasing reliability and optimizing device gauges.

Applications: Energetics.

Class no. 2. Energy and sustainable development

