

Cesium-lead bromide ( $\text{CsPbBr}_3$ ) is a semiconductor material with a wide range of possible applications in photovoltaics, as light sources or as radiation detectors. This work focuses on the study of the electrical and optical properties of  $\text{CsPbBr}_3$  by measuring the current-voltage characteristics of a photocurrents. Furthermore, the influence of the dependence of these quantities on time, pressure and temperature was investigated.