

EFFECT OF CHLORINE ON IRRADIANCE OF EXCILAMP KYPTON CHLORINE

B. Rahmani¹, T. Smaili², B. Saghi¹, S. Bhosle³, G. Zissis³
*1-Electronics Department, Faculty of Electrical
Engineering University of Science and Technology, (USTO-
MB), Oran, Algeria, [mohamed.rahmani@laplace.univ-tlse.f](mailto:mohamed.rahmani@laplace.univ-tlse.fr)*

*2-Physics Department, Faculty of Science, University of
Science and Technology, (USTO-MB), Oran, Algeria*

3-Universite de Toulouse, Laplace, Toulouse, France

Results are presented from experimental studies of Dielectric Barrier-Discharge (DBD) Excilamp in Mixtures of Krypton and Molecular Chlorine KrCl* excilamp excited by pulsed discharge. The oscillograms of the applied voltage, total current, displaced charge, output irradiance are presented. The effect of chlorine on the UVC irradiance is presented.