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Presentation title:	How the Economic Viability of Redesigning the Lighting System is Affected in A Typical Classroom in Greece by Lighting Design and Daylight Zones	
<p>The excessive energy consumption in Greek typical classrooms is already well known. With values of power density larger than 20W/m², actions for minimizing consumption are compulsory. However, there are case studies that instead of creating energy savings, the results lead to malpractices. Retrofitting the existing luminaires with LED lamps, overrate the necessary number of luminaires in the typical classroom and underestimate the daylight penetration is some of them. This paper examines in brief the potential malpractices and presents the results of installing larger amount of luminaires than necessary concerning the economic viability of a project.</p>		
CV:		
<p>Lambros T. Doulos was born in Athens, Greece on September 19, 1975. He received the Dipl. in Physics from the University of Athens, Physics Department, in 1999, the MSc Dipl. in Environmental Physics from the University of Athens, Physics Department, in 2002 and the PhD Dipl. from the National Technical University of Athens in 2010. He is an expert in lighting design, rational use of energy in lighting systems, use of daylight in buildings, development of innovative photosensors, road and tunnel lighting measurements. He is a Post-Doctoral researcher at University of Thessaly (Department of Architecture, Volos) with subject "Zero Energy Lighting System for Schools". He works also as an Adjunct Professor in the MA program "Lighting Design" at Hellenic Open University where he teaches the course "Lighting Technology and connection with production" and at Lighting Laboratory (NTUA) as a Researcher. He is the writer of number of publications, and books dealing with lighting, lighting controls and energy saving. Several research projects have implemented by the researcher. He also offers consultancy services in lighting design and building's low energy techniques.</p> <p>My detailed CV could be found at this link: http://lighting.ece.ntua.gr/index.php?option=com_content&task=view&id=73 http://www.arch.uth.gr/en/staff/L_Doulos</p>		