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Presentation title:	**Improving football pitch lighting: Case studies of Panetolikos and Panathinaikos**	

While saving energy is one of main scopes for improving a lighting system, there are also other parameters that are crucial for lighting design of special applications such as a football stadium. This presentation analyses these parameters such as glare and vertical illuminance for football pitch lighting. Furthermore, presents two case studies: a) Implementing a new lighting system at stadium of Panetolikos and b) Improving football pitch lighting at stadium of Panathinaikos

CV:

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 works at Lighting Laboratory (NTUA) as a Researcher and 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”. 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.

My detailed CV could be found at this link:

http://lighting.ece.ntua.gr/index.php?option=com_content&task=view&id=73