

CURRICULUM VITAE



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.

Contact information: National Technical University of Athens, School of Electrical and Computer Engineering, 9 Iroon Politecniou Street, 157 80 Zografou, Athens, Greece.

e-mail: ldoulos@mail.ntua.gr, mob: +30 6937 086820, tel: +30-2107723506, fax: +30-2107723628.

MORE ANALYTICALLY:

1. **Family name:** Doulos
2. **First names:** Lambros
3. **Date of birth:** 19 September 1975
4. **Nationality:** Hellenic
5. **Civil status:** Single
6. **Education:**

Institution:	National Technical University of Athens, School of Electrical and Computer Engineering Electric Power Division Laboratory of Photometry
Date:	From September 2004 to December 2010
Diploma obtained:	PhD, Development of a daylight responsive system for the optimum use of daylight
PhD Thesis	Development of a daylight responsive system for the optimum use of daylight

Institution:	Ethnikon kai Kapodistriakon Panepistimion Athinon / University of Athens
Date:	From September 2000 to February 2002
Diploma obtained:	MSc in Environmental Physics
MSc Thesis	Passive cooling of outdoor urban spaces. The role of materials

Institution	Ethnikon kai Kapodistriakon Panepistimion Athinon / University of Athens
Date:	From September 1994 to January 1999
Diploma obtained:	Bachelor in Physics
Diploma thesis	Study of microclimate in urban areas

7. Language skills: (1 to 5 for competence 5 being the highest)

Language	Reading	Speaking	Writing
Hellenic (Native)	5	5	5
English	4	4	4
German	1	1	1

8. Membership of professional or scientific bodies:

- CIE member of TC3-53 Revision of CIE S 008 Joint ISO/CIE Standard: Lighting of Work Places - Part 1: Indoor
- CIE member of TC4-51 Optimization of Road Lighting
- Hellenic Lighting Association (Co-Founder)
- Professional Lighting Design Convention
- Member of the COST Action (EU) Loss of the Night Network (LoNNe)

9. Other skills:

- Computer literacy
- Simulation Programs for illuminance calculation and Visual Comfort (DAYSIM, RELUX, DIALUX)
- Simulation Programs for photovoltaic calculation (PVSYST)
- Simulation Programs for Thermal Comfort in Buildings (TRNSYS, AIOLOS, AIR-GR, SUMMER)
- Communication
 - Team spirit gained from the participation in 32 research projects and athletic activities (member in football team)
 - Good ability to adapt to multicultural environments gained through travels
 - Good communication skills gained through his experience as lighting consultant and light project manager
- Organisational / managerial
 - Organization Committee Balkan Light 2015
 - Leadership (He was leading to a various number of students that completed their diploma thesis their master thesis with success)
 - Good experience in project and team management (participation in 32 research projects)
- Meteorologist

10. Present position:

- Researcher - Lighting Consultant - Lighting Designer, Lighting lab., National Technical University of Athens (From September 2004- to present)
- Adjunct Professor, course “Lighting Technology and connection with production”, Hellenic Open University, (From October 2012- to present)
- Co-Founder – Project manager, Lighting 3 Technology, RELUX representative in Greece (From November 2014 to present)
- Lighting Expert, for various companies (From 2000- to present)

11. Years within the firm:

- National Technical University of Athens: 12 years
- Hellenic Open University: 4 years
- Lighting Expert: 16 years

12. Key qualifications:

- Regional representative of RELUX lighting simulation product
- Certified trainer of RELUX lighting simulation product.
- Reviewer in scientific journals “Building and Environment” and “Energy and Buildings”, Elsevier’s scientific journal, and “Journal of Solid State Lighting”, Springer Open Journal.

13. Specific regional experience:

Country	Date: from - to
Greece	2000 – to present
Albania	April 2013
Turkey	May 2014
Japan	March 2014 to April 2014

14. Professional experience record

Date: from (month / year) to (month / year)	From September 2004- to present
Location	Athens, Greece
Company	National Technical University of Athens
Position	Senior Researcher - Lighting Consultant - Lighting Designer – Project Manager
Description	<p>He is an expert in rational use of energy in lighting systems, the use of daylight in buildings, development of innovative photosensors, road lighting, tunnel lighting and road and tunnel lighting measurements. In the context of his PhD research (Development of a system of automatic adjustment of artificial lighting for the optimized exploitation of daylight) he developed a new type of photosensor that alters its field of view regarding its position on the ceiling in order to have greater energy savings, optical comfort and unerring function of the photosensor. Several research projects have implemented by the researcher, namely a total number of 32. During the total number of the projects and his PhD thesis were 35 publications, 5 in scientific journals with high impact factor, 22 in international conferences, 3 in national conferences and 5 in technical press. The 5 publications, from the scientific journals, have cited 177 times.</p> <p>Some of the tasks in lighting laboratory are:</p> <p>Evaluation of lighting installations in open road and tunnels, luminance and illuminance measurements of tunnels and open roads (static measurements), luminance measurements of tunnels and open road (dynamic from a moving vehicle).</p> <p>Measurement of luminous flux and luminous efficiency of lamps and luminaires with the use of photometric arrangements and standard lamps, measurement of lamps life-time, diagrams of polar distribution of luminous intensity, measurements of electrical characteristics of ballasts by means of standard ballasts, colorimetric measurements on lamps and lamp covers.</p> <p>Lighting design projects and energy retrofit lighting projects.</p>

Date: from (month / year) to (month / year):	From October 2012- to present
Location	Patra, Greece
Company	Hellenic Open University
Position	Adjunct Professor
Description	Adjunct Professor in the MA program “Lighting Design” where he teaches the course “Lighting Technology and connection with production”

Date: from (month / year) to (month / year):	From 2000- to present
Location	Greece
Companies	Foss, Lumitec, Promoset, Diathlasis, Lighting3
Position	Lighting Expert, Consultant, Project and Sales manager
Description	He also offers consultancy services in lighting design and building's low energy techniques. He is project manager with a various projects regarding offices, retail, residential, exterior, industrial places, tunnels and roads.

Date: from (month / year) to (month / year):	From September 2001 to November 2003
Location	Athens, Greece
Company	University of Athens, Physics Department, Applied Physics, Laboratory of Meteorology
Position	Researcher
Description	Several research projects have implemented by the researcher

15. Others:

- Post-Doctoral
 - “Thales – NTUA: Development of a novel intelligent lighting control system with imaging sensor for optimum daylight exploitation and energy saving”, (code MIS 379524), in Priority Axis “11-Reinforcement of Human Capital for the promotion of the research and innovation in the 3 Phasing out Regions” which is co-funded by the EU-ESF and National Funds through the operational program “Education and Lifelong Learning” (2012-now)
- Participation in research and scientific projects
 - Member of COST action: Loss of the Night Network (<http://www.cost-lonne.eu/>, 2014-2016)
 - STARS4ALL, A Collective Awareness Platform for Promoting Dark Skies in Europe, H2020-ICT-2015. Research and Innovation Action, funded by the European Union H2020 Programme (2015-)
 - “Photometry measurements in tunnels and open roads in ATTIKI ODOS motorway, analysis of measurements and calculations in order to save energy and optimise the maintenance of the luminaires”, co-funded by ATTIKI ODOS SA (2013-2016)”
 - Feasibility study for energy efficient program of public lighting in off-grid islands Lesvos, Limnos, Milos, Kithnos and Santorini as a supplement to the development of smart grid infrastructure in the electric grids of these islands, "Development of smart-grid infrastructure in autonomous islands of the Aegean sea", Network of Aegean Islands for Sustainability (DAFNI network), ICCS, (2013 - 2014).
 - “Photometry measurements in tunnels and open roads in EGNATIA ODOS motorway, analysis of measurements and calculations in order to save energy and optimise the maintenance of the luminaires”, co-funded by EGNATIA SA (2013-2014)”
 - “Photometry measurements in tunnel in Crabe Albania, analysis of measurements and calculations in order to verify the effective operation of lighting installation”, co-funded by AKTOR SA (2013)”
 - “Project - Seminars for Energy Inspectors : Support and certification of the Energy Inspectors " (2012-2013), Section " Lighting - Lighting Systems ," National Technical University
 - "Design of aeronautical light signal of low luminous intensity" (2012), funded by the Programme Coupons for innovation National Strategic Reference Framework of Greece.
 - “Renovation of National Garden-Lighting system and WiFi” (2009-2010), funded by the Prefecture of Athens
 - "Design of luminaire for solar photovoltaic system for street lighting" (2009-2010), funded by the Programme Coupons for innovation, National Strategic Reference Framework of Greece.
 - “South-East European TSO Challenges (SEETSOC)”, Project number 239453, funded by FP7-ENERGY-2008-TREN-1.
 - "Mikrenergim (improve energy performance of 5 thousands small retail shops in Corfu", Chamber Corfu, Greece (2010-2012).
 - “Energy saving in Municipality of Voula, Attica, Greece” (2009-2010), funded by the Programme “Energy saving in municipalities”, National Strategic Reference Framework of Greece.
 - “Design of luminaire for solar photovoltaic system for street lighting” (2009-2010), funded by the Programme “Coupons for innovation”, National Strategic Reference Framework of Greece.

- “Energy inspections of aeolian parks, hydroelectric factories, photovoltaic systems, passive solar systems, installations of co-production, installations of biomass and any installations of energy saving” (2002-08), Operational program “Antagonistikotita”, Action 2.1.3, co-funded by ELANET.
- “Laboratoire virtuel pour éduquer à l’énergie durable (Programme Lifelong Learning)”, Programme Pour L’éducation Et La Formation Tout Au Long De La Vie (LLP) Energ@tic 2007-2013, Intelligent Energy – Europe.
- “Strategies for development and diffusion of Energy Efficient Distribution Transformers” (2006-2008), Intelligent Energy – Europe (EIE-SAVE), funded by E.U., Directorate-General for Energy and Transport, Intelligent Energy Executive Agency, EIE/05/056/SI2.419632.
- “Photometry measurements in tunnels and open roads in EGNATIA ODOS motorway, analysis of measurements and calculations in order to save energy and optimise the maintenance of the luminaires”, co-funded by EGNATIA SA (2006-2007)”
- “Quality assurance services to manufacturers of equipment of lighting installations” (2007-2011), financed by manufacturers of lighting systems.
- “Quality assurance of lighting equipment” (2007-2011), financed by manufacturers of equipment for lighting installations.
- Development of a system of automatic adjustment of artificial lighting for the optimized utilization of daylighting” (2005-2007), co-funded by the European Social Fund (75%) and National Resources (25%), Operational Program for Educational and Vocational Training II (EPEAEK II) and particularly the Program PYTHAGORAS II, European Social Fund, Measure 2.2, Activity 2.2.3.
- “Development of model for the determination of the photometric parameters of mesopic vision” (2004-2006), Programme “Protagoras” for support of basic research, financed by the Senate Committee for the Basic Research of National Technical University of Athens.
- “Safeguard of quality in construction of luminaries” (2002-07), co-funded by Greek Lighting constructor companies.
- Development of a distant-learning training module on energy efficient integrated building design in Urban Environment and Pilot action involving the production and promotion of modules for the initial training for building professionals and craftsmen/technicians“, SAVE (13) Projects 2000, (4.1031/P/00-013/2000).
- Cluster Project on Demand Controlled Hybrid Ventilation in Residential Buildings with specific emphasis of the Integration of Renewables, RESHYVENT“ (NNE5-2001-00107), Joule Project 2000.
- “SYNTHLIGHT, Creation of a European Educational Infrastructure on the energy efficient lighting technologies, assisted by 3D synthetic environment“. SAVE Project 2001, (4.1031/2/01-123/2001).
- “Univesal Fiber Optic (UFO)“, FPS program, (ERK6-CT1999-00011).
- ESBU, Energy Efficient Sportive Buildings – leading the way“
- “Retrofitting for Environmental Viability Improvement of Valued Architectural Landmarks, REVIVAL“ under the European Commission 5th Framework 'ENERGIE' Programme
- “INTERSET Design guidelines for managers and designers of settlements, urban sites and utilities“,SAVE Project
- “Energy Efficient Industrial Kitchens – Leading the Way to Sustainable Production, INKISUP“, NNE/52/2002 SAVE-2001-101
- “SMART-BE, targeting on the development of educational system based on the web for training on smart buildings“, LEONARDO
- “Integrated Renewable Technologies in Urban and Sports facilities, IRTUS“, Cluster Project Number: 4.1030/C/00/011 – IRTUS, ALTENER 2002
- “GENESYS, Fuzzy controllers and smart tuning techniques for energy efficiency and overall performance of HVAC systems in buildings“, Contract JOE-CT98-0090
- "Practical Recommendations for Sustainable Construction - PRESCO", EVK-CT-1999-20003
- Other educational activities

- Participation in lectures of Lighting Technology (Lecture of F. V. Topalis, Professor), 2004 - 2015 with the following tasks: Supervisor in students' weekly Laboratory Practice, Supervisor of more than 15 bachelors Diploma thesis
- Participation in lectures of Energy Conservation in Buildings (Graduate Program: «Production and Management of Energy» National Technical University of Athens, Lecture of F. V. Topalis, Professor and S. Kavatzas, Lecturer), 2006-15 with the following task: Lecture for lighting controls
- Participation in lectures of Energy Planning and Upgrading of Buildings (Graduate Program: « Seismic and Energy Upgrade Construction and Sustainable Development», Lecture of S. Zerefos, Professor), 2014-15 with the following task: Lecture for lighting controls
- Lecturer in summer schools
 - Erasmus Intensive Programme 2012-2013, "Lighting Design: State of the art and new trends", Athens. June 24- July 5, 2013.
 - Erasmus Intensive Programme 2013-2014, "Lighting Design: State of the art and new trends", Porto. June 23- July 4, 2014.
 - COST, Loss of night network 2013-2016, "Lighting Design: State of the art and new trends", Berlin. October 4- October 11, 2015.
- Participation in seminars as speaker or trainer:
 - Training of energy auditors, Lighting, 2012-2015, "Seminars of Energy Inspectors: Support of certification of Energy Inspectors", National Technical University of Athens
 - Lighting training of personnel of Lighting Companies: Bel-Light, Greece (July 2012), Hepper Lighting (May 2015)
 - BEST Athens Spring Course "Let there be light", National Technical University of Athens, 20-28 March 2007
- Honours and awards
 - "Thomaidio award" 2007-2009 for the advance of Science and Art, National Technical University of Athens
 - 1st Applied Research & Innovation Competition, Greece Innovates, 2011, 7th runner up winner (EuroBank EFG, SEV-Hellenic Federation of Enterprises)

16. Publications:

- Publications in scientific journals
 - L. Doulos, M. Santamouris, I. Livada, "Passive Cooling of Outdoor Urban Spaces. The Role of Materials", *Solar Energy*, Volume 77, Issue 2, 2004, Pages 231-249
 - A. Tsangrassoulis, L. Doulos, M. Santamouris, M. Fontoynt, F. Maamari, M. Wilson, A. Jacobs, J. Solomon, A. Zimmerman, W. Pohl, G. Mihalakakou, "On the energy efficiency of a prototype hybrid daylighting system", *Solar Energy*, Volume 79, Issue 1, July 2005, Pages 56-64
 - L. Doulos, A. Tsangrassoulis and F. Topalis, "Quantifying energy savings in daylight responsive systems: The role of dimming electronic ballasts", *Energy and Buildings*, 40 (2008) 36-50
 - L. Doulos, A. Tsangrassoulis and F. Topalis, "The role of spectral response of photosensors in daylight responsive systems", *Energy and Buildings*, 40 (2008) 588-599
 - L. Doulos, A. Tsangrassoulis and F. Topalis, "Multi-criteria decision analysis to select the optimum position and proper field of view of a photosensor", *Energy Conversion and Management*, 86 (2014) 1069-1077
 - Moullou D., L.T. Doulos, F.V. Topalis, Artificial light sources in roman, byzantine, and post-byzantine eras: an evaluation of their performance, *Chronos, Revue d'Histoire de l'Université de Balamand*, Numéro 31, 2015, ISSN 1608 7526
 - A. Kontadakis, A. Tsangrassoulis, L. Doulos, F. Topalis, "An active sunlight redirection system for daylight enhancement beyond the perimeter zone", *Building and Environment*, In Press, Corrected Proof, Available online 25 September 2016.
- Publications in international conferences

- Doulos, L., Tsangrassoulis, A., and Topalis, F.V., "A critical review of simulation techniques for daylight responsive systems", DYNASTEE 2005: Proceedings Of The Scientific Conference On Dynamic Analysis, Simulation and Testing applied to the Energy and Environmental Performance of Buildings, 12th-14th of October, Athens.
- Doulos L., A. Tsangrassoulis, F. Topalis, "Reviewing the role of photosensors in lighting control systems", 6th WSEAS International Conference on Applications of Electrical Engineering (AEE '07) Istanbul, Turkey, 27th-29th of May, 2007.
- Doulos, L., Tsangrassoulis, A., and Topalis, F.V., "The impact of colored glazing and spectral response of photosensors in the estimation of daylighting energy savings", 2nd Passive and Low Energy Cooling for the Built Environment, PALENC, Conference and 28th Air Infiltration and Ventilation, AIVC, Conference, Crete island, Greece, September 27-29, 2007.
- Doulos L., A. Tsangrassoulis, F. Topalis, "Evaluation of daylighting in office buildings", 5th WSEAS International Conference on Environment, Ecosystems And Development (EED'07), Puerto De La Cruz, Tenerife, Canary Islands, Spain, December 14-16, 2007.
- Doulos L., A. Tsangrassoulis, F. Topalis, "Evaluation of lighting controls in office buildings", 6th WSEAS International Conference on Circuits, Systems, Electronics, Control & Signal Processing (CSECS'07), Cairo, Egypt, December 29-31, 2007.
- Doulos L., Tsangrassoulis, A., and Topalis, F.V., "Improvements of a daylight responsive system by exploiting energy efficient components and strategies", Balkan Light 2008 the 4th Balkan Conference on Lighting, Ljubljana, October 7-9, 2008.
- Doulos L., Tsangrassoulis, A., and Topalis, F.V., "Optimizing the position and the field of view of photosensors in daylight responsive systems", Lux Europa 2009, the 11th European Lighting Conference, Istanbul 9-11 September, 2009.
- Chondrakis N., Doulos L., and Topalis F.V., "Starting characteristics and steady state operation of dimming electronic ballasts", Lux Europa 2009, the 11th European Lighting Conference, Istanbul 9-11 September, 2009.
- Tsangrassoulis, A., Doulos, L., Topalis, F.V. and Roetzel, A., "Comparison of lighting energy savings methodologies due to daylight with EN 15193", 3rd Passive and Low Energy Cooling for the Built Environment, PALENC, Conference and 5th Energy Performance & Indoor Climate in Buildings, EPIC, Conference, Rhodes island, Greece, 29 September-1 October, 2010.
- Doulos L., Tsangrassoulis A., and Topalis F.V., "Developing a new type of photosensor with variable field of view", Romanian Lighting Convention RLC 2011, Bucharest, Romania, 18-20th May 2011.
- Moullou D., L. Doulos, F.V. Topalis, "Lux ... in vitro. Artificial lighting conditions in houses of antiquity", Ex-Oriente-Lux, IV, International Congress of the International Lychnological Association, Ptuj 15-19 of May 2012, Slovenia.
- Kontaxis P.A., C.A. Bouroussis, L.T. Doulos, F.V. Topalis, "Applications of CCD sensors in photometry and in daylight responsive systems", 5th Balkan Conference on Lighting, Balkan Light 2012, Belgrade, Serbia, October 3-6, 2012.
- Moullou D., E-N.D. Madias, L.T. Doulos, C.A. Bouroussis, F.V. Topalis "Lighting in antiquity", 5th Balkan Conference on Lighting, Balkan Light 2012, Belgrade, Serbia, October 3-6, 2012.
- Madias E-N.D., L.T. Doulos, P.A. Kontaxis, F.V. Topalis, "Applying multi-criteria decision analysis for selecting street lighting luminaires", 5th Balkan Conference on Lighting, Balkan Light 2012, Belgrade, Serbia, October 3-6, 2012.
- Doulos L.T., Tsangrassoulis A., Bouroussis C.A., Topalis F.V. "Reviewing drawbacks of conventional photosensors: are ccd/cmos sensors the next generation?", Lux Europa 2013, the 12th European Lighting Conference, Krakow, Poland, 17-19 September, 2013.
- Bouroussis C.A., Doulos L.T., Madias E.N.D., Topalis F.V. "Benchmark test on LED replacements of directional halogen lamps", Lux Europa 2013, the 12th European Lighting Conference, Krakow, Poland, 17-19 September, 2013.
- Madias E.N.D., Kontaxis P.A., Doulos L.T., Topalis F.V. "Optimizing energy efficient lighting using multi-criteria analysis", Lux Europa 2013, the 12th European Lighting Conference, Krakow, Poland, 17-19 September, 2013.
- Moullou D., L.T. Doulos, F.V. Topalis "Artificial light sources of antiquity. An evaluation of their performance", Colloque international, La lumiere dans les religions du Livre: une

- approche pluridisciplinaire, a l' Institut francais de Beyrouth et au monastere Notre Dame de Balamand, Beirut and Balamand, Lebanon, December 13-14, 2013.
- Tsangrassoulis A., Doulos L.T., Topalis F.V. "Using a pattern search algorithm to improve the operation of a daylight harvesting system", CISBAT 2015, International Conference Future Buildings & Districts Sustainability from Nano to Urban Scale, EPFL, Lausanne, Switzerland, 9-11 September 2015
 - Doulos L.T, P.A.Kontaxis, V.N. Madias, C.A.Bouroussis, A. Tsangrassoulis and F.V.Topalis "The role of dimmable LED luminaires to daylight harvesting", Balkan Light 2015, the 6th Balkan Light Conference, Athens, Greece, 16-19 September, 2015.
 - Topali P.F., P. A. Kontaxis, L. T. Doulos, E-N. D. Madias and F. V. Topalis "Energy saving and visual comfort by optimizing photosensor position" Balkan Light 2015, the 6th Balkan Light Conference, Athens, Greece, 16-19 September, 2015.
 - Balafoutis Th., L. Doulos, Ch. Kadoglou, E. Sfountouri, K. Skalkou, P. Triantafyllou, N. Trivyzadakis, Th. Velegraki " Transforming Communication to visual Experience: A case study", Balkan Light 2015, the 6th Balkan Light Conference, Athens, Greece, 16-19 September, 2015.
 - P. A. Kontaxis, E-N. D. Madias, P. F. Topali, L. T. Doulos, C.A.Bouroussis, F.V. Topalis, "Optimization analysis for the determination of photosensor position for energy saving and visual comfort", 10th International Conference on ENERGY & ENVIRONMENT (EE '15), Budapest, Hungary, December 12-14, 2015.
 - E-N. D. Madias, L. T. Doulos, P. A. Kontaxis, F.V. Topalis, "Intelligent lighting control system with photosensor on the task area, dimming the luminaires via LAN", 10th International Conference on ENERGY & ENVIRONMENT (EE '15), Budapest, Hungary, December 12-14, 2015.
 - Hänel A., L.T. Doulos, S. Schroer, C. D. Gălățanu, F. Topalis, "Sustainable outdoor lighting for reducing energy and light waste", Improving Energy Efficiency in Commercial Buildings & Smart Communities Conference, Frankfurt, Germany, 16-18 March 2016.
 - Tsangrassoulis A., A. Kontadakis, L. Doulos, "Assessing Lighting Energy Saving Potential from Daylight Harvesting in Office Buildings Based on Code Compliance & Simulation", Sustainable Synergies from Buildings to the Urban Scale, BE16 Thessaloniki, Greece, 17-19 October 2016.
 - Publications in national (Greek) conferences and technical press
 - L.T. Doulos, A. Tsangrassoulis, F.V. Topalis, "Commissioning of lighting sensors for optimal visual comfort and energy efficiency", 2nd Greek Conference of Electrical Mechanical Engineers, Athens, 16-18 May 2007.
 - L. Doulos, A. Tsangrassoulis, F.V. Topalis, "Development of a lighting control system for utilization of daylight", Conference "Pythagoras", Plomari, Lesvos, 5-8 July 2007.
 - M. Vlami, L.T. Doulos, F.V. Topalis, "Actions for preparing project: «Energy savings in Municipality of Voula»", Sustainable Production and Green Business Dexterity, 11th Greek Conference of Institute of Production and Services of Hellenic Management Association, Athens, 9-10 December 2010.
 - L.T. Doulos, A. Tsangrassoulis, F.V. Topalis, "Commissioning of lighting sensors for optimal visual comfort and energy efficiency", Review of Hellenic Association of Mechanical and Electrical Engineers, Issue 398, Athens, May 2007, pp. 40-50.
 - L.T. Doulos, A. Tsangrassoulis, F.V. Topalis, "Commissioning of lighting sensors for optimal visual comfort and energy efficiency", Sign (Επιγραφή), Issue 53, Athens, June-July 2007.
 - L.T. Doulos, A. Tsangrassoulis, F.V. Topalis, "Methods for the optimum use of daylight", Electrician (Ηλεκτρολόγος), Issue 198, October 2008.
 - Books
 - Topalis F.V. and L.T.Doulos, Ambient Light Sensor Integration, Handbook of Advanced Lighting Technology, 2016, Springer International Publishing, Cham, 1—28, ISBN 978-3-319-00295-8, DOI 10.1007/978-3-319-00295-8_33-1, http://dx.doi.org/10.1007/978-3-319-00295-8_33-1
 - L.T. Doulos: "Rational lighting design and energy saving", Hellenic Open University, Athens, 2015, ISBN 978-960-538-932-1.

- C.A. Bouroussis, L.T. Doulos: “Lighting Design”, Hellenic Open University, 2015, ISBN 978-960-538-938-3.
- L.T. Doulos: “Training energy auditors” Technical Chamber of Greece. 2013.

17. Distinguished lighting projects:

- Supervision and lighting design of football stadium Panathinaikos, 2016
- Lighting design of METRO stations, Athens 2016.
- Lighting design and implementation of Laboratory of Lighting Design School of Applied Arts, Hellenic Open University, Patra 2015 (<http://lightinglab.eap.gr/>).
- Supervision and lighting design of football stadium Panaitolikos Agrinio 2011 (<http://lighting.ece.ntua.gr/>).
- Lighting design of National Garden, Athens 2009, (<http://lighting.ece.ntua.gr/>).
- Lighting design of Archaeological Site Ancient Messina, Messina 2009, (<http://lighting.ece.ntua.gr/>).
- Lighting design of Conference Room and library of the new buildings of the School of Electrical & Computer Engineering, NTUA Campus 2009, (<http://lighting.ece.ntua.gr/>).
- Lighting design of Office buildings (<http://lighting.ece.ntua.gr/>, www.fotismos.eu).
- Lighting design of retail lighting (Metropolis, Cyclist etc., www.fotismos.eu).
- Lighting design of interior and exterior of private residential (www.fotismos.eu, www.foss.gr).
- Lighting design of exterior public spaces (SAMOKAT ABG Plastira 12, Voula).
- Lighting design of building facades (www.foss.gr).

18. Distinguished energy retrofit lighting projects:

- Energy Savings calculations for the artificial lighting system on the wing M. Iliadis of hospital Elena Venizelos, Athens 2011 (<http://lighting.ece.ntua.gr/>).
- Improving energy efficiency in artificial lighting system: Building of Lampadario at NTUA in the Zografou Campus, Athens 2010 (<http://lighting.ece.ntua.gr/>).
- Energy saving studies in school facilities lighting system and use of photosensors for daylight harvesting (Public schools, Voula Municipality, 2009, Leontios School, Patissia / Nea Smyrni, 2009 Costea-Geitona, Pallini, 2012).
- Energy saving studies in office buildings, hotels, manufacturing facilities, shopping, restaurants and recreation areas (A-LED, www.fotismos.eu).
- Energy saving studies in industry