

## I. IDENTIFICATION DATA

<b>Thesis name:</b>	<b>Photometry and application of tunable white luminaires</b>
<b>Author's name:</b>	<b>Burak Gündogdu</b>
<b>Type of thesis :</b>	master
<b>Faculty/Institute:</b>	Faculty of Electrical Engineering (FEE)
<b>Department:</b>	Dept. of Electrical Power Engineering
<b>Thesis supervisor:</b>	Ing. Marek Bálský, Ph.D.
<b>Supervisor's department:</b>	Dept. of Electrical Power Engineering

## II. EVALUATION OF INDIVIDUAL CRITERIA

<b>Assignment</b>	<b>easy</b>
<i>Evaluation of thesis difficulty of assignment.</i>	
Diploma thesis deals with the application of tunable white LED luminaires for interior lighting. The theme of the thesis is interesting and challenging because this problematics is relatively new.	

<b>Satisfaction of assignment</b>	<b>fulfilled</b>
<i>Assess that handed thesis meets assignment. Present points of assignment that fell short or were extended. Try to assess importance, impact or cause of each shortcoming.</i>	
Student fulfilled all points of the assignment.	

<b>Activity and independence when creating final thesis</b>	<b>B - very good.</b>
<i>Assess that student had positive approach, time limits were met, conception was regularly consulted and was well prepared for consultations. Assess student's ability to work independently.</i>	
Student had positive approach, worked independently and consulted regularly.	

<b>Technical level</b>	<b>B - very good.</b>
<i>Assess level of thesis specialty, use of knowledge gained by study and by expert literature, use of sources and data gained by experience.</i>	
The thesis summarizes photometric results of tunable white LED luminaire measurements. Based on photometric measurements of real LED luminaire the operating schedule of lighting system with tunable white luminaire is proposed.	

<b>Formal and language level, scope of thesis</b>	<b>B - very good.</b>
<i>Assess correctness of usage of formal notation. Assess typographical and language arrangement of thesis.</i>	
The thesis is logically structured into chapters. Formal level of thesis is good. There are some minor typographical and grammar mistakes but without overall impact to the thesis.	

<b>Selection of sources, citation correctness</b>	<b>B - very good.</b>
<i>Present your opinion to student's activity when obtaining and using study materials for thesis creation. Characterize selection of sources. Assess that student used all relevant sources. Verify that all used elements are correctly distinguished from own results and thoughts. Assess that citation ethics has not been breached and that all bibliographic citations are complete and in accordance with citation convention and standards.</i>	
Student used relevant and useful study materials.	

<b>Additional commentary and evaluation</b>	
<i>Present your opinion to achieved primary goals of thesis, e.g. level of theoretical results, level and functionality of technical or software conception, publication performance, experimental dexterity etc.</i>	
The goals of the thesis were met. Student demonstrated the ability for practical implementation of the proposed theoretical procedures.	

### III. OVERALL EVALUATION, QUESTIONS FOR DEFENSE, CLASSIFICATION SUGGESTION

*Summarize thesis aspects that swayed your final evaluation.*

See page 1.

I evaluate handed thesis with classification grade **B - very good**.

Date: **31.5.2018**

Signature: