

Review Form 1.6

Journal Name:	Advances in Research
Manuscript Number:	Ms_AIR_82989
Title of the Manuscript:	INVESTIGATION OF HEAT DISSIPATION EFFICIENCY OF THE LIQUID-COOLED SPRING LAMP
Type of the Article	

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalair.com/index.php/AIR/editorial-policy>)

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	<ul style="list-style-type: none"> - The paper has good contributions when the author gave the in this article, the results obtained from the experiments with the heat dissipation process of the liquid-cooled spring lamp are presented. - The results of calculations and experiments all show that the liquid-cooled spring lamp shows great heat dissipation efficiency. 	
Minor REVISION comments	This paper is qualified to be published in the journal because, the measurements, clearly demonstrated that using liquid as a coolant did enhance the efficiency of the heat dissipation process, as the temperatures of the LED chips reduced by 16 degrees compared with normal spring lamps, which do not use coolant. Because of this decline in temperature, the average lifetime of the chips is increased by approximately 367%. In addition to that, the liquid that which used in the experiments (silicone oil) has high transparency and thus does not have any negative impacts on the brightness of the LED chips.	
Optional/General comments	Reformulate the conclusion and you put the perspectives of this work.	

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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