



**IR-TEC**  
Specializing in Building Sensors

Date: 2018-05-31

To the attention of  
Federal Communications Commission  
Authorization and Evaluation Division

SUBJECT: End Product Model Difference Attestation

FCC ID: NRIHS1X0900

Models: LMD-509, LMD-109, LMS-109

We, IR-TEC International Ltd., hereby declare that our end product, TRANS-HFD, includes 3 model names as listed above. This Equipment is prepared for FCC; which RF circuit is identical to each other except for the following difference only, the difference compared as below:

Model	Differentiation			
	Dimming/ Non-dimming	Outer appearance	PCB Board Construction	Electronic components
LMD-509	Dimming	Circle	Vertical Overlap	AC6-03(Power board) HS1-02(Sensor board)
LMD-109	Dimming	Oblong	Horizontal Parallel	AC6-03(Power board) HS1-02(Sensor board)
LMS-109	Non-dimming	Oblong (Same as LMD-109)	Horizontal Parallel (Same as LMD-109)	AC6-03(Power board) HS1-01(Sensor board, not originally built-in #1-[U4,R27,C30,R28,C31,R29,R30,R31, R32] used in DIM-Output small signal gain amplifier circuit & #2-[R33,R13,C12,C32] used in feedback of modulation of DIM-Output signal.  Above-mentioned 2 parts' circuit and components all belong to function of luminaire dimming control, not a part of RF circuit.

Should you have any question, feel free to contact me directly.

Sincerely yours,



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