

COOLING OF SOLAR CELLS USING HEAT PIPES

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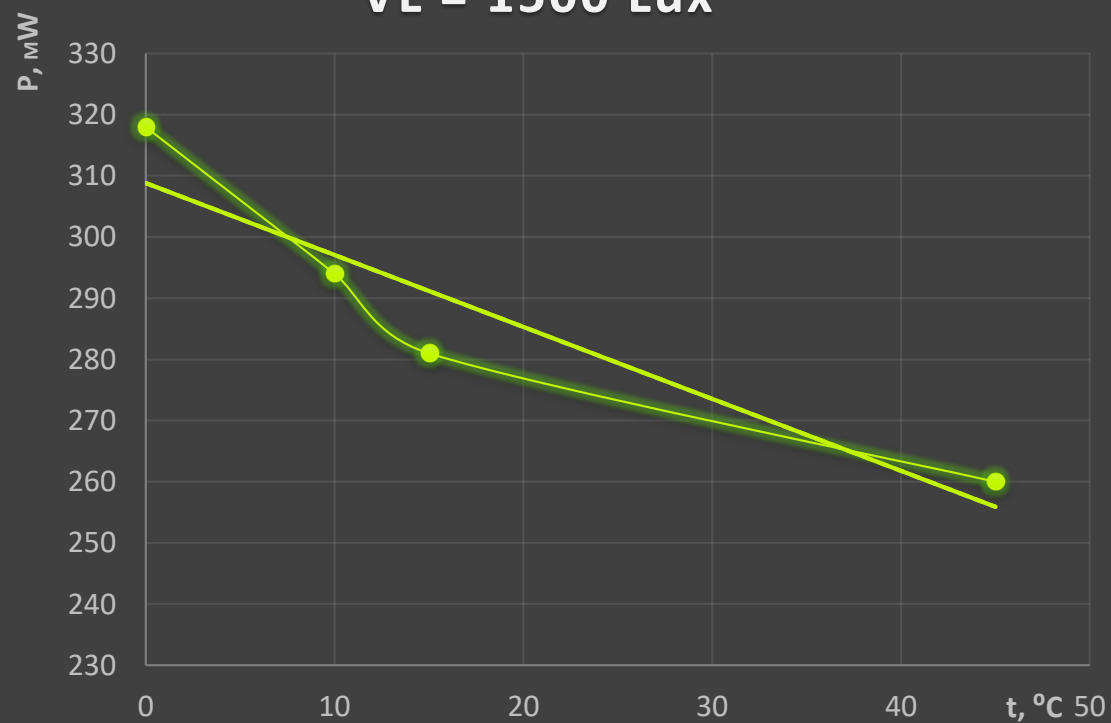
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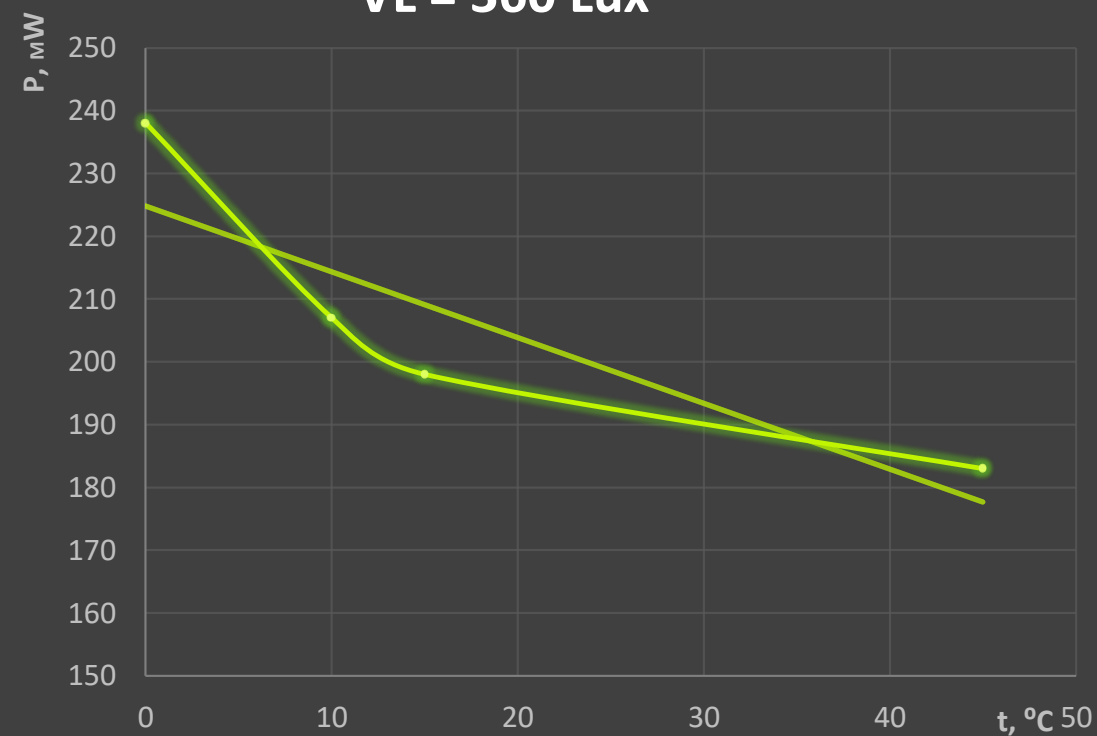
Junior Academy of Sciences
of Ukraine

GRAPHS OF DEPENDENCE OF OUTPUT POWER ON TEMPERATURE SC FOR THE SMALLER MODULE

Smaller module at illumination
VL = 1500 Lux

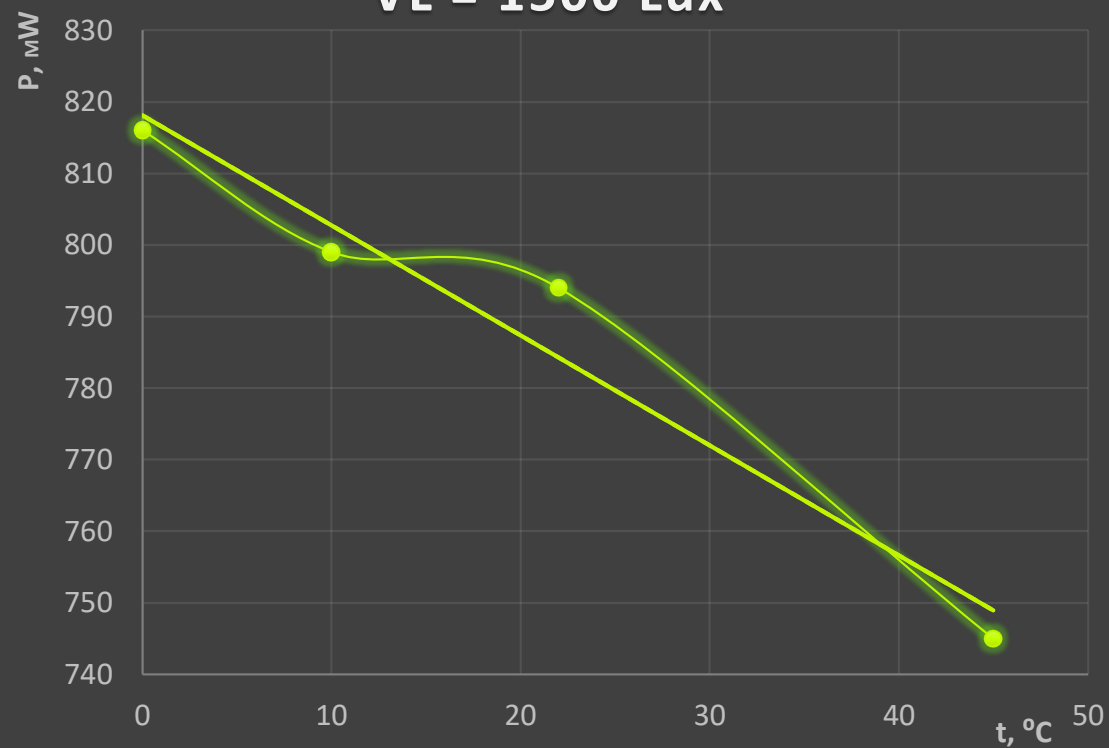


Smaller module at illumination
VL = 360 Lux

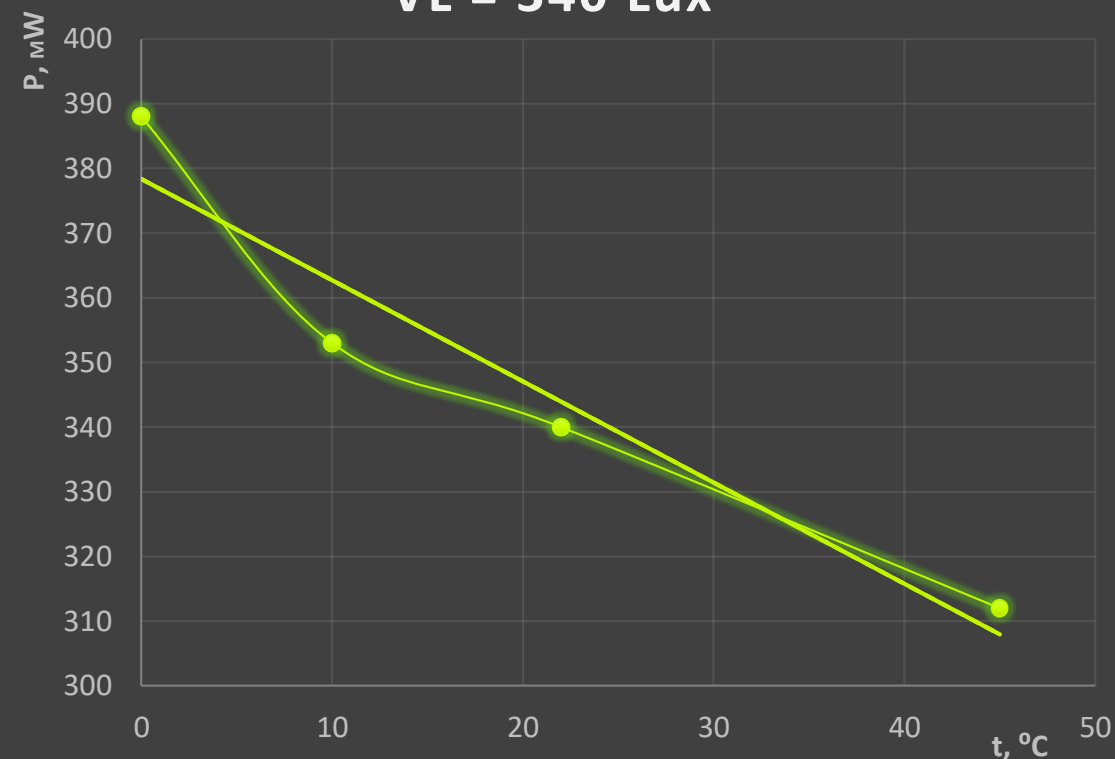


GRAPHS OF DEPENDENCE OF OUTPUT POWER ON TEMPERATURE SC FOR THE MEDIUM MODULE

Medium module at illumination
VL = 1500 Lux



Medium module at illumination
VL = 340 Lux



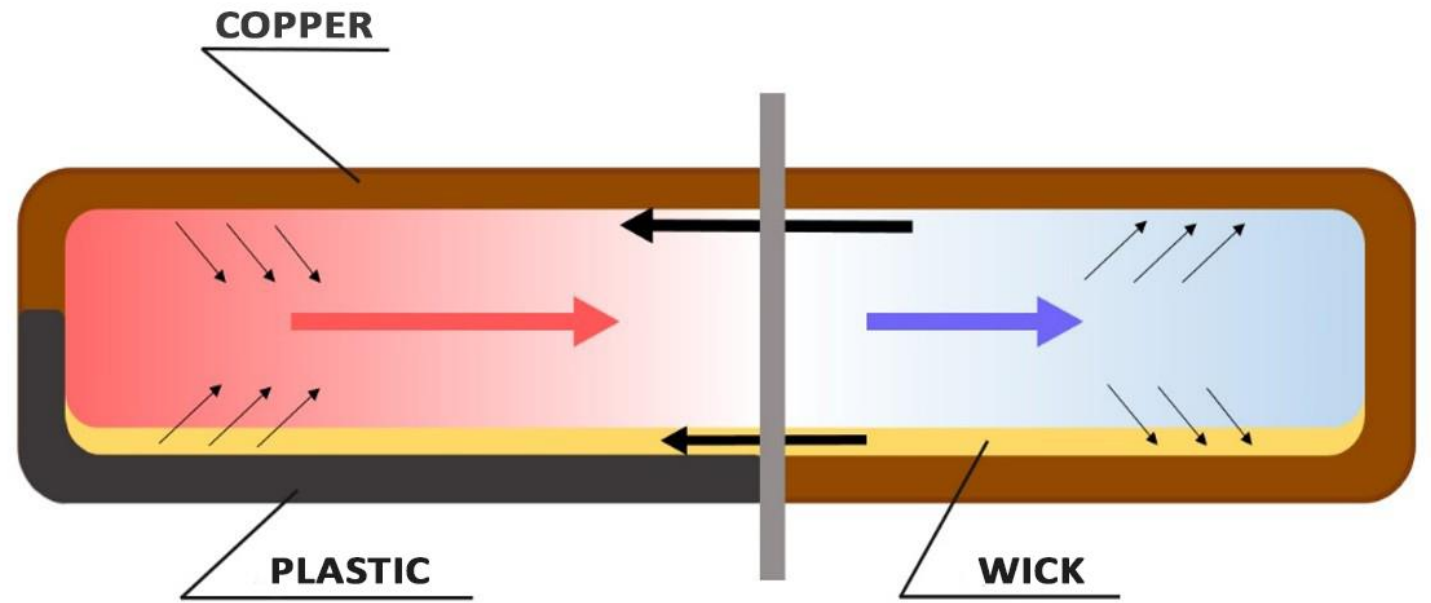


EXPERIMENTAL SETUP



THE METER

HEAT PIPE STRUCTURE



➤ The coolant – distilled water

PIPE COVERING CONSTRUCTION

