

Statement of MTX products 5-Year Warranty

MechaTronix Kaohsiung CO., Ltd. (MechaTronix) warrants the heatsinks possess the highest quality requirement in their thermal performance and provides 5-year limited warranty from the date of invoice. This warranty is conditioned upon proper storage, installation, usage, and maintenance. Under proper usage within the defined operating range based on the datasheet, MechaTronix shall correct any defects, at MechaTronix's option, by either replacing a new heatsink or providing a similar product with same dimension and thermal performance. More details explanation are listed below:

1. The thermal performance of heatsink (measured at the defined environment and condition advised on MechaTronix's datasheet) should be lower than the defined value below to utilize the 5-year warranty:
 - The thermal resistance (R_{th}) is determined with a calibrated heat source of 30mm x 30mm central placed on the heat sink, T_{amb} 40°C and an open environment. Reference data at heat sink to ambient temperature rise T_{hs-amb} 50°C. The R_{th} of a LED cooler is not a fix value and will vary with the applied dissipated power
 - Dissipated power (P_d) reference data @ heat sink to ambient temperature rise T_{hs-amb} 50°C. The maximal P_d needs to be verified in function of required case temperature (T_c) or junction temperature (T_j) and related to the estimated ambient temperature where the light fixture will be placed. Please be aware the P_d is not the same as the electrical power (P_e) of a LED module
2. Damaged by improper usage or man-made improper handling is not covered in the warranty program.
3. Through MechaTronix's evaluation, if the heatsink needs to be replaced by a new one, the new unit will use the original invoice date of the defective unit and follow the remaining warranty period.

Product Series in:

LPF Pin Fin heatsink series
LSB Star heatsink series
ModuLED Modular Passive heatsink series
IceLED Modular Active heatsink series
CoolBay® heatsink series
CoolBlock® heatsink series
CoolStar® heatsink series

MechaTronix Kaohsiung CO., Ltd.

9th Mar. 2018