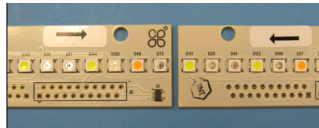


14 PRE-INSTALLATION NOTES

TUNABLE COLOR LINEAR LED ARRAYS (PRINTED CIRCUIT BOARDS)

- To ensure proper electrical insulation between the linear arrays and heat sink, the linear arrays (PCBs) are provided with a pre-applied double sided adhesive insulating tape. Be sure to remove the plastic liner before attaching the linear array to the heat sink.
- Ensure that the PCBs are properly aligned with reference arrows facing each other (see image below). This is critical for proper mixing.



- Exercise caution** when connecting the ribbon cables to the LED PCBs. Do not press the LEDs against a hard surface (like a table or workbench) as they can be damaged. Do not break off the indexing tabs.
- IMPORTANT: Please allow a space of 2 mm - 5 mm between the LED PCBs. Do NOT butt the LED PCBs to each other. If a 2 mm - 5 mm spacing is not provided, the LED PCBs may bow. Gaps larger than 5 mm may not have proper color mixing.**
- Mount the LED PCB to the fixture using 6 mm - 8 mm (M2.5 - M4) screws. **PLEASE NOTE:** Use plastic washers to protect the PCB. Do NOT over-tighten the screws, since that can damage the LED PCB.
- PCBs need to be isothermal (intra-board and inter-board). ALMs can be mounted on a different thermal platform.

REFLECTOR END CAPS

- The reflector end caps are fastened to the fixture using 6 mm - 8 mm (M2.5 - M4) screws inserted through the end caps and the holes in the LED PCB.

RIBBON CABLE CONNECTORS

- The surface of the fixture to which the PCB is mounted must have relief areas for the connectors.
- Leave adequate clearance around the ribbon cable connector so that it does not come in contact with the fixture's metal edge.
- Cut-outs in the heat sink around the connectors should be made as large as possible to avoid potential shorting. Adding insulation around the cutout using polyimide tape is recommended.

araya⁵ LOGIC MODULE

- Mount the araya⁵ Logic Module to the fixture with 6 mm - 8 mm (M2.5 - M4) screws in desired location.

Test-fit all components prior to installation. Mark edges for correct alignment.