MTx MechaTronix
www.mechatronix-asia.com

MASTERING LED COOLING

ModuLED Giga

ø152 x H20 / 50 (mm)
Rth 1.13 - 0.7 °C/W
Power Pd 44 - 71 W

MORE PRODUCT DETAILS

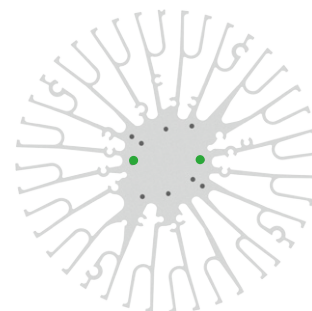# ModuLED Giga │ Nichia Modular Passive Star LED Cooler ø152mm

Mounting Instruction

NICHIA

Nichia places a high value on environmental responsibility. Under this unified corporate philosophy, all Nichia group members are striving for monotsukuri, for superior performance, extended life and ever-increasing reliability. Nichia has also grown in the field of development, manufacturing and sales of fine chemicals, particularly inorganic luminescent materials (phosphors). The invention of these Nitride-based LED and laser diodes causes the technological innovation of light source in the field of display, general lighting, automotive, industrial equipment, and medical care & measurement.

Mounting indicator marks overview

MechaTronix recommends the use of a high thermal conductive interface between the LED module and the LED cooler. Either thermal grease, a thermal pad or a phase change thermal pad thickness 0.1-0.15mm is recommended. Thermal pads or phase change thermal pads can be pre-applied from MechaTronix.

Nichia Standard COB 084B - 096B - 108B - 120B - 130B

Model names
• NFCWD084B
• NFCWD096B
• NFCWJ108B
• NFCWJ120B
• NFDWJ130B

Mounting
• With Zhaga Book 3 LED holder
  Ideal Industries Chip-Lok™ holder 50-2103NC
  Mounting with 2 self tapping screws M3 x 6mm
  Green indicator marks

Nichia High Luminous Density COB 024Z

Model names
• NJCWS024Z

Mounting
• With Zhaga Book 3 LED holder
  Ledil HEKLA solderless connector FP15947_HEKLA-G
  Mounting with 2 self tapping screws M3 x 6mm
  Green indicator marks

Nichia High Luminous Density COB 016Z - 024Z

Model names
• NVEWL016Z
• NVCWL024Z

Mounting
• With Zhaga Book 3 LED holder
  Ideal Industries Chip-Lok™ holder 50-2100NC
  Ledil HEKLA solderless connector FP15948_HEKLA-H
  Molex LED Array Holders 180580-0004
  Molex LED Array Holders 180580-0005
  TE Connectivity Lumawise type Z50 2213382
  Mounting with 2 self tapping screws M3 x 6mm
  Green indicator marks

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