

ø99 x H50 / 80 (mm)
 Rth 1.34 - 1.02 °C/W
 Power Pd 37.3 - 48.9 W

MORE PRODUCT DETAILS

ModuLED Xtra | Nichia Modular Passive Star LED Cooler ø99mm

Mounting Instruction



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 060B - 072B

Model names

- NFCWL060B
- NFCWL072B

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



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 007Z - 024Z

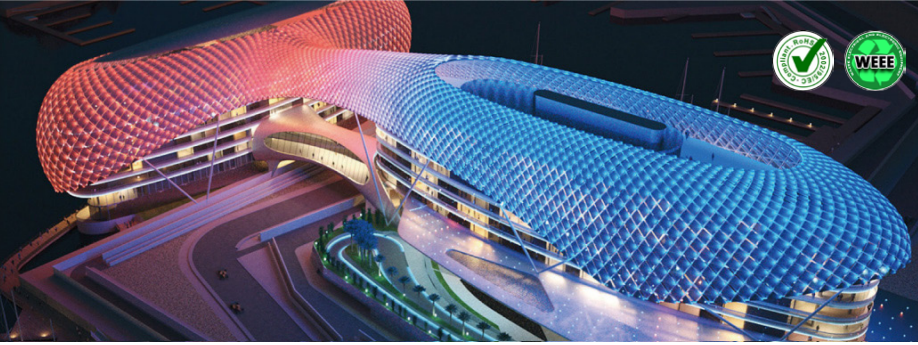
Model names

- NJCWS024Z

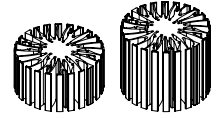
Mounting

- With Zhaga Book 11 LED holder
- BJB spotlight connector 47.319.6180
- Ideal Industries Chip-Lok™ holder 50-2000P
- Ledil HEKLA solderless connector FP15947_HEKLA-G
- Mounting with 2 self tapping screws M3 x 6mm
- Orange indicator marks





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Mounting Instruction



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