

ø134 x H20 / 50 / 100 (mm)  
Rth 1.32 - 0.88 - 0.67 °C/W  
Power Pd 38 - 57 - 75 W

[MORE PRODUCT DETAILS](#)

## ModuLED Mega | Nichia Modular Passive Star LED Cooler ø134mm

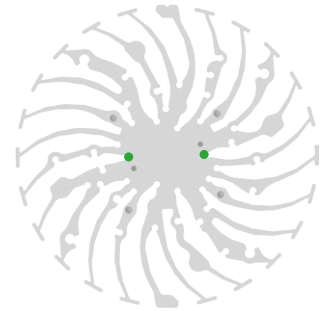
### Mounting Instruction



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 LED COB 024Z

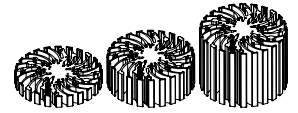
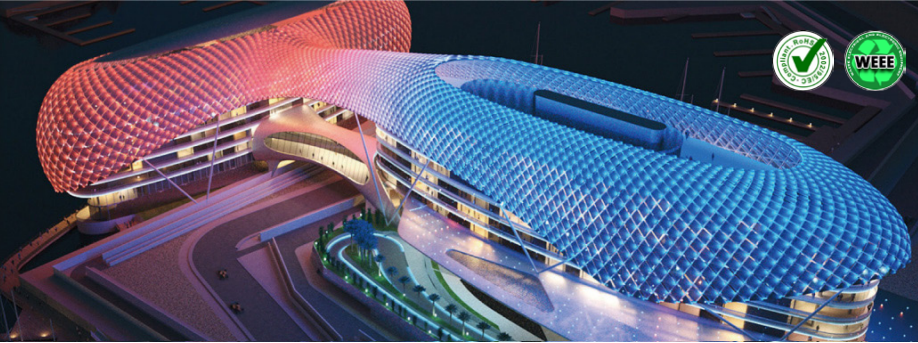
##### Model names

- 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





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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



#### Nichia High Luminous Density COB 048Z

##### Model names

- NVEWJ048Z

##### 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