

## LPF4768-ZHP Nichia Pin Fin LED Cooler ø47mm

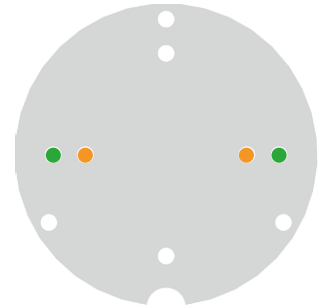
### Mounting Instruction



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 024B

##### Model names

- NTCWS024B

##### Mounting

- With Zhaga Book 11 LED holder  
 BJB spotlight connector 47.319.6180  
 Ideal Industries Chip-Lok™ holder 50-2000P  
 Mounting with 2 screws M3 x 6mm  
 Orange indicator marks
- With Zhaga Book 3 LED holder  
 Ledil HEKLA solderless connector FP15947\_HEKLA-G  
 Mounting with 2 screws M3 x 6mm  
 Green indicator marks



#### Nichia Standard COB 036B - 048B - 060B - 072B

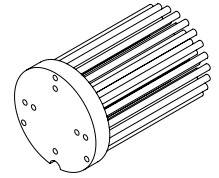
##### Model names

- NFCWL036B
- NFCWL048B
- 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 screws M3 x 6mm  
 Green indicator marks





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### Mounting Instruction

#### Nichia High Luminous Density COB 007Z - 024Z

##### Model names

- NVNWS007Z
- NJCWS024Z

##### Mounting

- With Zhaga Book 3 LED holder  
BJB spotlight connector 47.319.6180  
Ideal Industries Chip-Lok™ holder 50-2000P  
Mounting with 2 screws M3 x 6mm  
Orange indicator marks
- With Zhaga Book 3 LED holder  
Ledil HEKLA solderless connector FP15947\_HEKLA-G  
Mounting with 2 screws M3 x 6mm  
Green indicator marks

