



ø47 x H40 / 60 (mm)
 Rth 5.0 - 4.17 °C/W
 Power Pd 10 - 12 W

[MORE PRODUCT DETAILS](#)

CoolStar® 47 Designer series Nichia LED Star Cooler ø47mm

Mounting Instructions



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 012B - 024B

Model names

- NTCWT012B
- NTCWS024B

Mounting

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



Nichia Standard COB 036B - 048B - 060B

Model names

- NFCWL036B
- NFCWL048B
- NFCWL060B

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



Nichia High Luminous Density COB 007Z - 024Z

Model names

- NVNWS007Z

Mounting

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

