

ModuLED Xtra | Seoul Semiconductor Modular Passive Star LED Cooler ø99mm

Mounting Instruction



SEOUL SEMICONDUCTOR

The new Seoul Semiconductor ZC series Chip-On-Board (COB) LED Arrays offer high lumen density and efficacies of up to 140lm/W in a single, easy-to-use LED component family. Available in all major color temperatures from 2700K up to 6000K, these high flux packages deliver system level performance of 700 lumens to over 6,000 lumens. The new ZC series family is available in a single 3-step MacAdam Ellipse binning, ensuring excellent color consistency with minimum CRI options of 70, and 80 combining high quality of light with high efficacy.

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.



Seoul Semiconductor Acrich MJT COB 19x19mm

Model names

- SAWx1564A
- SAWx1565A
- SAWx1566A

Mounting

- With Zhaga Book 3 LED holder
BJB Spotlight connector 47.319.2025
Ledil HEKLA solderless connector FP15949_HEKLA-I
Mounting with 2 self tapping screws M3 x 6mm
Green indicator marks
- With Zhaga Book 11 LED holder
BJB Spotlight connector 47.319.6024
Mounting with 2 self tapping screws M3 x 6mm
Orange indicator marks



Seoul Semiconductor Acrich MJT COB 28x28mm

Model names

- SAWx22AAA
- SAWx2296A
- SAWx2298A

Mounting

- With Zhaga Book 3 LED holder
BJB Spotlight connector 47.319.2314
Bender+Wirth 431 Typ 2
Ledil HEKLA solderless connector FP15949_HEKLA-I
Mounting with 2 self tapping screws M3 x 6mm
Green indicator marks



Seoul Semiconductor Acrich MJT SunLike COB 19x19mm

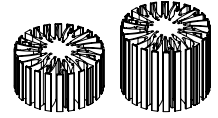
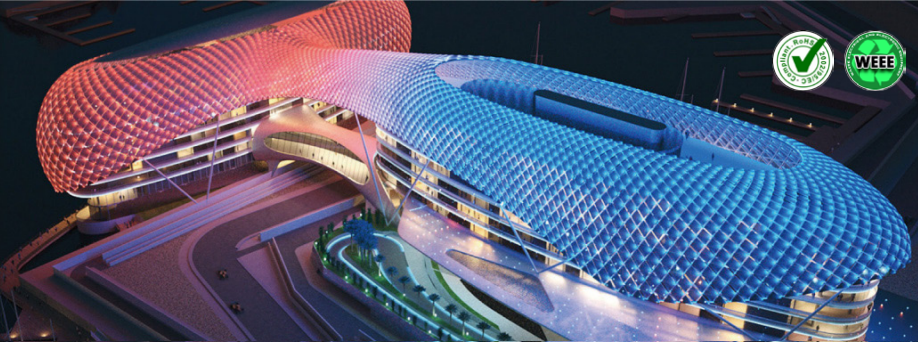
Model names

- SAWS1564A
- SAWS1566A

Mounting

- With Zhaga Book 3 LED holder
BJB Spotlight connector 47.319.2025
Ledil HEKLA solderless connector FP15949_HEKLA-I
Mounting with 2 self tapping screws M3 x 6mm
Green indicator marks
- With Zhaga Book 11 LED holder
BJB Spotlight connector 47.319.6024
Mounting with 2 self tapping screws M3 x 6mm
Orange indicator marks





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Seoul Semiconductor ZC18 Z-Power COB

Model names

- SDWx3F1C

Mounting

- With Zhaga Book 3 LED holder
BJB Spotlight connector 47.319.2021
BJB Spotlight connector 47.319.2025
Ideal Industries Chip-Lok™ holder 50-2103CT
Ledil HEKLA solderless connector FP15949_HEKLA-I
TE Connectivity Lumawise type Z50 2213254
Mounting with 2 self tapping screws M3 x 6mm
Green indicator marks
- With Zhaga Book 11 LED holder
BJB Spotlight connector 47.319.6024
Mounting with 2 self tapping screws M3 x 6mm
Orange indicator marks



Seoul Semiconductor ZC25 / ZC40 / ZC60 Z-Power COB

Model names

- SDWx4F1C
- SDWx5F1C
- SDWx6F1C

Mounting

- With Zhaga Book 3 LED holder
BJB Spotlight connector 47.319.2033
Ideal Industries Chip-Lok™ holder 50-2204CT
Mounting with 2 self tapping screws M3 x 6mm
Green indicator marks