

ø86 x H30 / 50 / 80 (mm)  
 Rth 1.8 - 1.5 - 1.2 °C/W  
 Power Pd 28 - 33 - 42 W

**MORE PRODUCT DETAILS**

## ModuLED Micro | Sharp Modular Passive Star LED Cooler ø86mm

### Mounting Instruction

# SHARP

Sharp Zenigata Chip on Board (COB) technology leverages 40 years of LED expertise to help your products outshine the competition with some of the highest brightness-per-watt in the industry. Sharp's new Mega Zenigata 50W – 80W modules take traditional, high-power lighting applications head on with power-saving LED alternatives. Sharp Devices Europe has launched an important new portfolio of LED modules dubbed INTERMO. The Standard INTERMO is a Zhaga Book 3 form-factor module, which ensures compatibility with a large eco-system of third-party products.

#### 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.



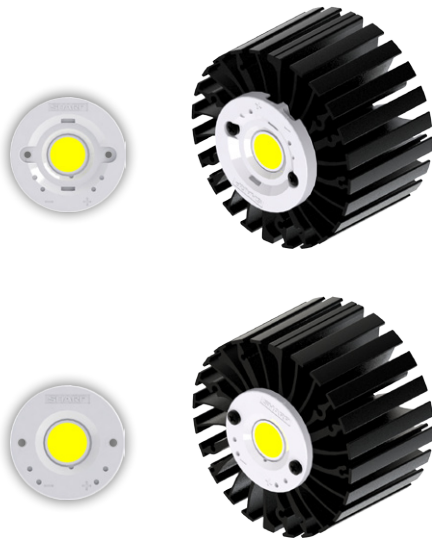
### Sharp INTERMO Standard / Slim LED Modules

#### Model names

- GW7MMCxxGZC - 3000 lm
- GW7MGDxxGZC - 3000 lm
- GW7MMDxxGZC - 4000 lm
- GW7MGExxGZC - 4000 lm
- GW7MMExxGZC - 5000 lm

#### Mounting

- Direct mounting with 2 self tapping screws M3 x 6mm
- Green indicator marks



### Sharp Mega Zenigata 15-25W/25-40W/35-50W/50-80W LED COB

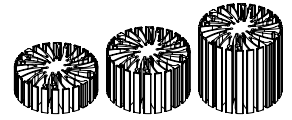
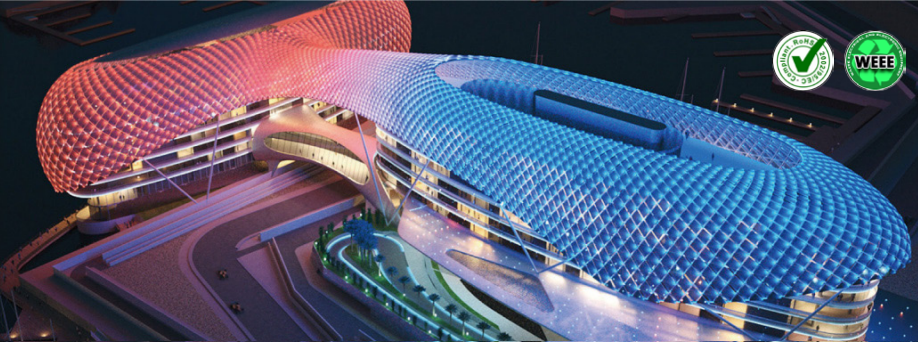
#### Model names

- GW5DxAxxM04
- GW6DxAxxNFC
- GW5DxCxxM04
- GW6DxCxxNFC
- GW6DxDxxNFC
- GW5DxExxMR5
- GW6DxExxNFC

#### Mounting

- With Zhaga Book 3 LED holder
  - BJB spotlight connector 47.319.2011
  - Ideal Industries Chip-Lok™ holder 50-2100SH
- Mounting with 2 self tapping screws M3 x 6mm
- Green indicator marks





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### Mounting Instruction



#### Sharp Tiger Zenigata 25W LED COB

##### Model names

- GW6TGCBG40C

##### Mounting

- With Zhaga Book 3 LED holder  
 BJB spotlight connector 47.319.2051  
 Mounting with 2 self tapping screws M3 x 6mm  
 Green indicator marks



#### Sharp Mini Zenigata 4-10W/10-15W/15-24W LED COB

##### Model names

- GW5BQCxxK03
- GW5BQFxxK03
- GW5BMFxxK04
- GW5BTJxxK03
- GW5BMCxxKG4
- GW6BxGxxHED
- GW5BMJxxK04
- GW6BxExxHED
- GW6BxWxxHED
- GW5BMRxxK05
- GW6BxRxxHED
- GW6BxSxxHED

##### Mounting

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