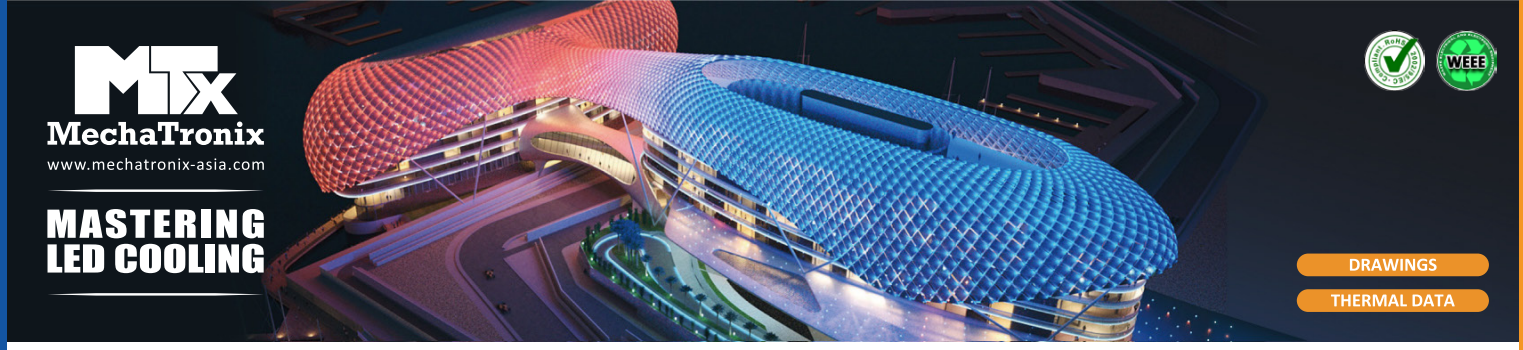

LPF6768-ZHP Seoul Semiconductor Pin Fin LED Cooler ø67mm

Features & Benefits

- The LPF6768-ZHC Zhaga Pin Fin LED cooler is specifically designed for luminaires using Seoul Semiconductor LED COB. Mechanical compatibility with direct mounting of the LED modules to the LED cooler and thermal performance matching the lumen packages.
- For spot and downlight designs from 2,300 to 4,600 lumen
- Thermal resistance Rth 2.1°C/W
- Modular design with mounting holes foreseen for Seoul Semiconductor ZC6, ZC12, ZC18, ZC25, ZC40, Acrich AC Zhaga LED COB, direct mounting or by LED holder.
- Diameter 67mm - Height 68mm
  Other heights on request
- Better performance under tilted position
- Forged from highly conductive aluminum

Order Information

Zhaga

SEOUL

SEOUL SEMICONDUCTOR

Example : LPF6768-ZHP-B

LPF6768-ZHP-**1**

1 Anodising Color

B - Black
C - Clear
Z - Custom (specify)

Simple mounting with M3 screws
Screws are avaliable from MechaTronix

No.818, Dashun 2nd Rd., Sanmin Dist., Kaohsiung City 80787, Taiwan
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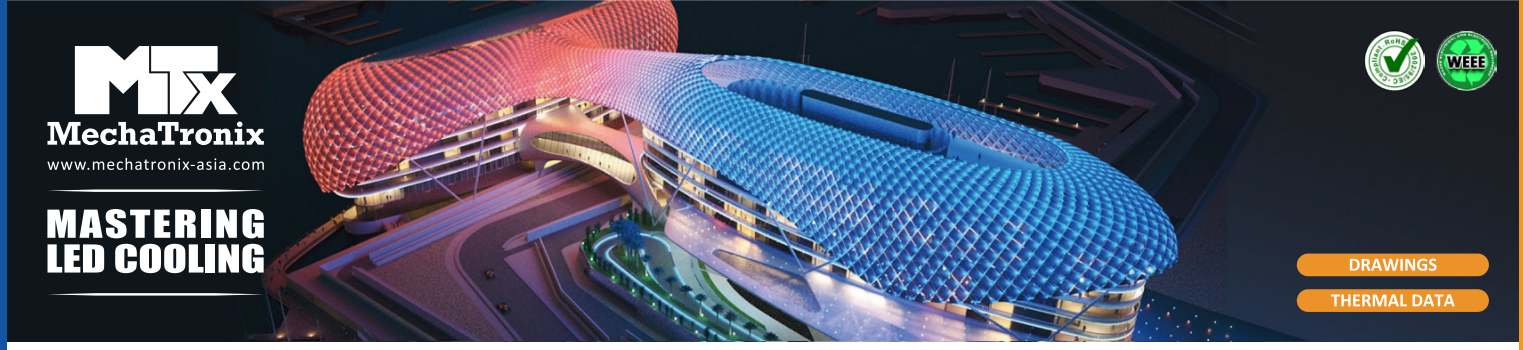
MechaTronix



LPF6768-ZHP Pin Fin LED Cooler ø67mm

Product Details

Model n°	LPF6768-ZHP
Dimension (mm)*1	ø67 x h68
Volume (mm^3)	63378
Cooling Surface (mm^2)	56108
Weight (gr)	171
Thermal Resistance (°C/W)*2	2.1
Power Pd (W)*3	24
Heat Sink Material	AL1070

*1 3D files are avaliable in ParaSolid, STP and IGS on request

*2 The thermal resistance Rth is determined with a calibrated heat source of 30mm x 30mm central placed on the heat sink, Tamb 40° and an open environment. Reference data @ heat sink to ambient temperature rise Ths-amb 50°C
The thermal resistance of a LED cooler is not a fix value and will vary with the applied dissipated power Pd

*3 Dissipated power Pd. Reference data @ heat sink to ambient temperature rise Ths-amb 50°C
The maximal dissipated power needs to be verified in function of required case temperature Tc or junction temperature Tj and related to the estimated ambient temperature where the light fixture will be placed
Please be aware the dissipated power Pd is not the same as the electrical power Pe of a LED module

To calculate the dissipated power please use the following formula: Pd = Pe x (1-ηL)
Pd - Dissipated power
Pe - Electrical power
ηL = Light effciency of the LED module

Notes:

- MechaTronix reserves the right to change products or specifications without prior notice.
- Mentioned models are an extraction of full product range.
- For specific mechanical adaptations please contact MechaTronix.

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