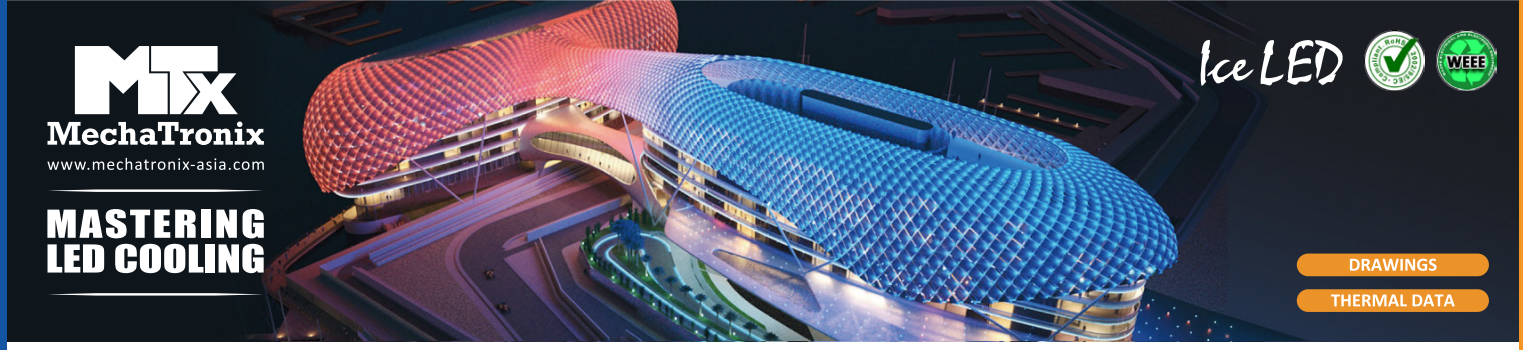

IceLED Ultra | Lumileds Modular Active Star LED Cooler ø99mm

Features & Benefits

- For spot and downlight designs from 19,000 to 38,000 lumen
- Thermal resistance range Rth 0.25°C/W
- Modular design with mounting holes foreseen for Lumileds Luxeon Gen4 1321-1825 LED COB, direct mounting with just a few screws.
- Diameter 99mm - Standard height 75mm
  Other heights on request
- High lifetime design >60Khrs (L 10 life time @40°C)
- Warranty 5 years

Order Information

Zhaga

Lit by LUMILEDS

Example : IceLED Ultra

IceLED	1

1	Ultra

Simple mounting with M3 x 6mm self tapping screws
Recommened screw force 6lb/in
Screws are avaliable from MechaTronix

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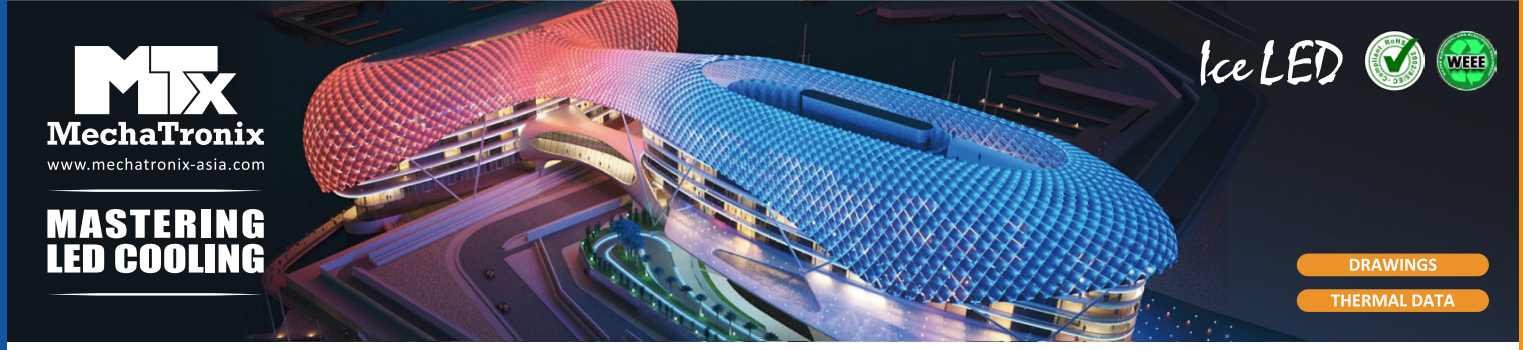
MechaTronix



IceLED Ultra Modular Active Star LED Cooler ø99mm

Product Details

Model n°	 Ice LED Ultra
Dimension (mm)*1	ø99 x h75
Fan Voltage (Vdc)*2	12
Fan Speed (RPM)	3000
Noise @ 1m (dBA)	<39
Weight (gr)	400.39
Thermal Resistance (°C/W)*3	0.25
Power Pd (W)*4	200
Heat Sink Material	AL6063-T5

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

*2 The fan requires a constant voltage power source of 12Vdc, 230mA, 2.76W

*3 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

*4 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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