

IceLED Ultra VS Modular Active Star LED Cooler ø99mm

Features & Benefits

- For high bays, flood lights and industrial lighting designs from 14,500 to 29,000 lumen
- Thermal resistance range Rth 0.26°C/W
- Modular design with mounting holes foreseen for a wide range of LED modules and COB's:
 - All Zhaga Book 2, Book 3, Book 5, Book 6, Book 11 LED engines and holders
 - Bridgelux Gen7 Vero/Décor Vero/Vero SE/Décor Vero SE 29
 - Cree XLamp CXA/CXB18-25-30, CMT28
 - LG Innotek LEMWM28
 - Lumileds Luxeon 1208, 1211, 1216
 - Luminus Gen4 CXM-22, CGM-22
 - Sharp INTERMO Standard / Slim, Mega Zenigata
 - Vossloh Schwabe Luga Industrial WÜ-M-467/443, Luga Shop WU-M 485/486/462/464
- Diameter 99mm Height 75mm Other heights on request
- High lifetime design > 60Khrs (L 10 life time @40°C)
- Warranty 5 years



Order Information





Example: IceLED Ultra VS

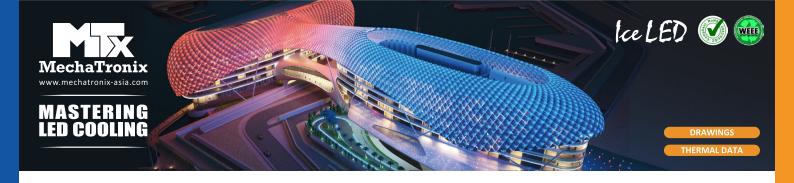
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1 Ultra VS

lce LED Ultra VS is designed in this way that you can mount various LED modules on the same LED cooler

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





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Product Details



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

To calculate the dissipated power please use the following formula: $Pd = Pe \times (1-\eta L)$

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.



^{*2} The fan requires a constant voltage power source of 12Vdc, 160mA, 1.8W

^{*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