



VOSSLOH SCHWABE LED COOLING LUGA SHOP GEN 6 LED MODULES

DMS125, DMS126, DMS128, DMS120, DMS12C, DMS18B

- Validated Thermal Designs
- Adaptable to your Needs
- Functional & Aesthetic

VS LIGHTING
SOLUTIONS

MTX
MechaTronix

An introduction

MechaTronix was formed in 2007, comprised of five already successful manufacturing companies, with each of them in excess of a decade of continuous operation. MechaTronix provides a wide variety of mechanical and electromechanical parts as well as assemblies for the international Original Equipment Manufacturers market.

Starting off with the production of metal and plastic enclosures for electronic applications and the assembly of half-products and elaborate cables, MechaTronix utilised several production processes, amongst which die casting, forging, extrusion and plastic injection.

The application of secondary processes such as CNC grinding and cutting and finishing such as anodising, painting and silk screen printing enable us to offer a very high degree of customisation and personalisation to our customers.

It was through the expertise in these processes that MechaTronix found its stride as a serious contender in the market of heat sinks and cooling engines. What started as a one-off venture into the extrusion of aluminium heat sinks resulted in a very comprehensive package of cooling solutions for the booming international LED market.

Nowadays, MechaTronix is the preferred cooling partner for world leading LED manufacturers like Vossloh Schwabe, with an offering of heat sinks and cooling solutions for every conceivable LED application. To service the international markets and meet the exploding demand for its products, MechaTronix formed an international distribution group.

Through these localised professional partners, MechaTronix' products are readily available all over the world.

OUR PROCESS STARTS WITH LISTENING



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LUGA SHOP GEN 6 LED MODULES

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LPF4768-ZHP



Vossloh Schwabe LED Pin Fin cooler
 $\varnothing 47\text{mm}$ - $h 68\text{mm}$ - $R_{th} 3.9^{\circ}\text{C/W}$
 Cooling performance 1,300 - 2,500 lm

Direct mount	Zhaga holder	Vossloh Schwabe LED modules
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS125, 126, 128

LPF6050-ZHC



Vossloh Schwabe LED Pin Fin cooler
 $\varnothing 60\text{mm}$ - $h 50\text{mm}$ - $R_{th} 4.0^{\circ}\text{C/W}$
 Cooling performance 1,200 - 2,300 lm

Direct mount	Zhaga holder	Vossloh Schwabe LED modules
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS125, 126, 128

LPF6768-ZHP



Vossloh Schwabe LED Pin Fin cooler
 $\varnothing 67\text{mm}$ - $h 68\text{mm}$ - $R_{th} 2.1^{\circ}\text{C/W}$
 Cooling performance 2,300 - 4,600 lm

Direct mount	Zhaga holder	Vossloh Schwabe LED modules
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS125, 126, 128
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS120, 12C

LPF8050-ZHC



Vossloh Schwabe LED Pin Fin cooler
 $\varnothing 80\text{mm}$ - $h 50\text{mm}$ - $R_{th} 2.34^{\circ}\text{C/W}$
 Cooling performance 2,000 - 4,000 lm

Direct mount	Zhaga holder	Vossloh Schwabe LED modules
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS125, 126, 128
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS120, 12C

LPF8668-ZHC



Vossloh Schwabe LED Pin Fin cooler
 $\varnothing 86\text{mm}$ - $h 68\text{mm}$ - $R_{th} 1.46^{\circ}\text{C/W}$
 Cooling performance 3,300 - 6,500 lm

Direct mount	Zhaga holder	Vossloh Schwabe LED modules
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS125, 126, 128
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS120, 12C, 18B

LPF11180-ZHE



Vossloh Schwabe LED Pin Fin cooler
 $\varnothing 111\text{mm}$ - $h 80\text{mm}$ - $R_{th} 1.07^{\circ}\text{C/W}$
 Cooling performance 4,800 - 9,600 lm

Direct mount	Zhaga holder	Vossloh Schwabe LED modules
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS125, 126, 128
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS120, 12C, 18B

CoolStar® White 4740



Vossloh Schwabe Designer LED Star cooler
 $\varnothing 47\text{mm}$ - $h 40\text{mm}$ - $R_{th} 5^{\circ}\text{C/W}$
 Cooling performance 1,000 - 2,000 lm

Direct mount	Zhaga holder	Vossloh Schwabe LED modules
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS125, 126, 128

CoolStar® White 4760



Vossloh Schwabe Designer LED Star cooler
 $\varnothing 47\text{mm}$ - $h 60\text{mm}$ - $R_{th} 4.17^{\circ}\text{C/W}$
 Cooling performance 1,200 - 2,400 lm

Direct mount	Zhaga holder	Vossloh Schwabe LED modules
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS125, 126, 128



CoolStar® White 6730

Vossloh Schwabe Designer LED Star cooler
ø67mm - h30mm - Rth 3.13°C/W
Cooling performance 1,600 - 3,100 lm

Direct mount	Zhaga holder	Vossloh Schwabe LED modules
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS125, 126, 128



CoolStar® White 6760

Vossloh Schwabe Designer LED Star cooler
ø67mm - h60mm - Rth 2.27°C/W
Cooling performance 2,100 - 4,200 lm

Direct mount	Zhaga holder	Vossloh Schwabe LED modules
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS125, 126, 128



CoolStar® White 8630

Vossloh Schwabe Designer LED Star cooler
ø86mm - h30mm - Rth 2.08°C/W
Cooling performance 2,300 - 4,600 lm

Direct mount	Zhaga holder	Vossloh Schwabe LED modules
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS125, 126, 128



CoolStar® White 8660

Vossloh Schwabe Designer LED Star cooler
ø86mm - h60mm - Rth 1.56°C/W
Cooling performance 3,100 - 6,100 lm

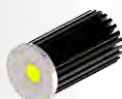
Direct mount	Zhaga holder	Vossloh Schwabe LED modules
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS125, 126, 128



ModuLED Pico 4750

Vossloh Schwabe Modular LED Star cooler
ø47mm - h50mm - Rth 5.3°C/W
Cooling performance 900 - 1,800 lm

Direct mount	Zhaga holder	Vossloh Schwabe LED modules
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS125, 126, 128



ModuLED Pico 4780

Vossloh Schwabe Modular LED Star cooler
ø47mm - h80mm - Rth 4.2°C/W
Cooling performance 1,200 - 2,300 lm

Direct mount	Zhaga holder	Vossloh Schwabe LED modules
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS125, 126, 128



ModuLED Nano 7050

Vossloh Schwabe Modular LED Star cooler
ø70mm - h50mm - Rth 2.2°C/W
Cooling performance 2,200 - 4,300 lm

Direct mount	Zhaga holder	Vossloh Schwabe LED modules
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS125, 126, 128
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS120, 12C



ModuLED Nano 7080

Vossloh Schwabe Modular LED Star cooler
ø70mm - h80mm - Rth 1.8°C/W
Cooling performance 2,700 - 5,300 lm

Direct mount	Zhaga holder	Vossloh Schwabe LED modules
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS125, 126, 128
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS120, 12C, 18B



ModuLED Micro 8650

Vossloh Schwabe Modular LED Star cooler
ø86mm - h50mm - Rth 1.5°C/W
Cooling performance 3,200 - 6,400 lm

Direct mount	Zhaga holder	Vossloh Schwabe LED modules
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS125, 126, 128
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS120, 12C, 18B



ModuLED Micro 8680

Vossloh Schwabe Modular LED Star cooler
ø86mm - h80mm - Rth 1.2°C/W
Cooling performance 4,000 - 8,000 lm

Direct mount	Zhaga holder	Vossloh Schwabe LED modules
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS125, 126, 128
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS120, 12C, 18B



ModuLED 9950

Vossloh Schwabe Modular LED Star cooler
ø99mm - h50mm - Rth 1.34°C/W
Cooling performance 3,600 - 7,200 lm

Direct mount	Zhaga holder	Vossloh Schwabe LED modules
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS125, 126, 128
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS120, 12C, 18B



ModuLED 9980

Vossloh Schwabe Modular LED Star cooler
ø99mm - h80mm - Rth 1.02°C/W
Cooling performance 4,700 - 9,400 lm

Direct mount	Zhaga holder	Vossloh Schwabe LED modules
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS125, 126, 128
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS120, 12C, 18B



ModuLED Mega 13420

Vossloh Schwabe Modular LED Star cooler
ø134mm - h20mm - Rth 1.32°C/W
Cooling performance 3,700 - 7,300 lm

Direct mount	Zhaga holder	Vossloh Schwabe LED modules
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS125, 126, 128
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS120, 12C, 18B



ModuLED Mega 13450-HBG

Vossloh Schwabe High Bay LED cooler
with driver connection system
ø134mm - h50mm - Rth 0.88°C/W
Cooling performance 5,500 - 11,000 lm

Direct mount	Zhaga holder	Vossloh Schwabe LED modules
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS120, 12C, 18B



ModuLED Mega 134100-HBG

Vossloh Schwabe High Bay LED cooler
with driver connection system
ø134mm - h100mm - Rth 0.67°C/W
Cooling performance 7,200 - 14,300 lm

Direct mount	Zhaga holder	Vossloh Schwabe LED modules
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS120, 12C, 18B



ModuLED Giga 15220

Vossloh Schwabe Modular LED Star cooler
ø152mm - h20mm - Rth 1.17°C/W
Cooling performance 4,300 - 8,500 lm

Direct mount	Zhaga holder	Vossloh Schwabe LED modules
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS18B



ModuLED Giga 15250

Vossloh Schwabe Modular LED Star cooler
 ø152mm - h50mm - Rth 0.7°C/W
 Cooling performance 6,800 - 13,500 lm

Direct mount	Zhaga holder	Vossloh Schwabe LED modules
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS120, 18B



ModuLED Giga 152100-HBG

Vossloh Schwabe High Bay LED cooler
 with driver connection system
 ø152mm - h100mm - Rth 0.52°C/W
 Cooling performance 9,000 - 18,000 lm

Direct mount	Zhaga holder	Vossloh Schwabe LED modules
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS120, 12C, 18B



ModuLED Giga 152150-HBG

Vossloh Schwabe High Bay LED cooler
 with driver connection system
 ø152mm - h150mm - Rth 0.46°C/W
 Cooling performance 10,500 - 21,000 lm

Direct mount	Zhaga holder	Vossloh Schwabe LED modules
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS12C, 18B



CoolBay® Giga-A

Vossloh Schwabe High Bay LED cooler with
 CoolTube® heat tube and direct mounting
 holes for Mean Well HBG series driver
 ø152mm - h200mm - Rth 0.34°C/W
 Cooling performance 14,500 - 29,000 lm

Direct mount	Zhaga holder	Vossloh Schwabe LED modules
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS12C, 18B



CoolBay® Tera-A

Vossloh Schwabe High Bay LED cooler with
 CoolTube® heat tube and direct mounting
 holes for Mean Well HBG series driver
 ø192mm - h250mm - Rth 0.22°C/W
 Cooling performance 22,000 - 44,000 lm

Direct mount	Zhaga holder	Vossloh Schwabe LED modules
<input checked="" type="checkbox"/>		Luga Shop Gen6 DMS18B



IceLED 550

Vossloh Schwabe Modular Active LED
 cooler
 ø99mm - h55mm - Rth 0.46°C/W
 Cooling performance 10,500 - 21,000 lm

Direct mount	Zhaga holder	Vossloh Schwabe LED modules
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS12C, 18B



IceLED Xtra Ultra

Vossloh Schwabe Modular Active LED
 cooler
 ø99mm - h75mm - Rth 0.25°C/W
 Cooling performance 19,000 - 38,000 lm

Direct mount	Zhaga holder	Vossloh Schwabe LED modules
	<input checked="" type="checkbox"/>	Luga Shop Gen6 DMS18B

Your local distributor:

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