

Unlock New Opportunities in LED Lighting



Nuventix SynJet® Thermal Solutions for GE Infusion™ LED Modules

Features

- Enables higher lumen packages
- Up to 1/3 the size of passive cooling
- Lighter weight than passive solutions
- Energy efficient
- Quiet operation
- 100K hours lifetime
- Thermally engineered and designed specifically for GE Infusion LED Light Engines
- GE Infusion LED drivers have a built in power connection for the SynJet for a Plug and Play solution

Benefits

- Flexible design for smaller overall luminaires - Contemporary form or height limited areas
- Easy to design in for fastest time to market
- Minimal additional power required for cooling
- Excellent in low noise requirement areas
- Cooling life is longer than the module or driver - does not limit luminaire usable life
- One heat sink design can be used for higher and lower lumen offerings by coupling with a SynJet cooler, allowing higher lumen fixtures with the same form factor

Nuventix SynJet® Coolers and Heatsinks for GE Infusion™ LED Modules

Guide:

- Please see the legend below for the ambient temperature rating of each solution.
- All solutions in these tables are in accordance with recommended acoustic noise levels for lighting applications. For noise sensitive applications choose "Standard" or "Silent" cooling solutions.

GE Infusion LED Modules						
Heatsink	Twist Module Cooler 43W					
SynJet	ZFlow 90					
SynJet Setting	Lumens	PWM @100%	Mid	Standard	Silent	Heatsink Only
M1000	1000	Supported up to 40C+ ambient	Supported up to 40C+ ambient	Supported up to 40C+ ambient	Supported up to 40C+ ambient	Supported up to 40C+ ambient
M1500	1500	Supported up to 40C+ ambient	Supported up to 40C+ ambient	Supported up to 35C ambient	Supported up to 35C ambient	Not Supported
M2000	2000	Supported up to 40C+ ambient	Supported up to 40C+ ambient	Supported up to 35C ambient	Supported up to 35C ambient	Not Supported
M3000	3000	Supported up to 40C+ ambient	Supported up to 35C ambient	Supported up to 25C ambient	Not Supported	Not Supported



Legend
Supported up to 40C+ ambient
Supported up to 35C ambient
Supported up to 25C ambient
Not Supported

Notes:

- 1) Compatibility is based on following the guidelines outlined in Nuventix SynJet Design Guide.
- 2) A functional test should always be performed on the complete luminaire in the worst case ambient condition.

Nuventix Part Number Guide		
Twist Module Cooler 43W	NX300106	Heatsink, 43W, Twist Module Cooler, GE Infusion, AI, Black
SynJet ZFlow 90	NX200100	SynJet, ZFlow 90, Level Select, 5V
	NX200102	SynJet, ZFlow 90, Level Select, 12V
Wire Harness	WALLS-C4150-001	SynJet Wire Harness, 4wire, 150mm
	WALLS-C4240-001	SynJet Wire Harness, 4wire, 240mm
	WALLS-C4370-001	SynJet Wire Harness, 4wire, 370mm
	WALLS-C4600-001	SynJet Wire Harness, 4wire, 600mm