Unlock New Opportunities in LED Lighting



Nuventix SynJet® Thermal Solutions for Philips® Fortimo 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 Philips LED Modules
- Philips 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, Inc. 4635 Boston Lane Austin, TX 78735 www.nuventix.com



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.
- For Nuventix part numbers, see page 5 of this guide.

Philips Fortimo SLM LED Modules												
Heatsink	Sp	Spotlight Cooler 38W			Sp	Spotlight Cooler 34W			Spotlight Cooler 31W			
SynJet		ZFlow 75				ZFlow 75			ZFlow 75			
SynJet Setting	High	Mid	Standard	Heatsink Only	High	Mid	Standard	Heatsink Only	High	Mid	Standard	Heatsink Only
Fortimo LED SLM 800												
Fortimo LED SLM 1100												
Fortimo LED SLM 1500												
Fortimo LED SLM 2000												
Fortimo LED SLM 3000												
Lexel LED SLM 1100 TW												
Lexel LED SLM 800 RGB												J

Philips Fortimo SLM LED Modules							
Heatsink	Spotlight Cooler 60W						
SynJet	ZFlow 90						
SynJet Setting	High	Mid	Standard	Heatsink Only			
Fortimo LED SLM 800							
Fortimo LED SLM 1100							
Fortimo LED SLM 1500							
Fortimo LED SLM 2000							
Fortimo LED SLM 3000							
Lexel LED SLM 1100 TW							
Lexel LED SLM 800 RGB							





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

- 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.



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- Please see the legend below for the ambient temperature rating of each solution.
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Philips Fortimo SLM LED Modules					
Heatsink	Sp	1W			
SynJet		ZFlo	w 65		
SynJet Setting	High	Standard	Silent	Heatsink Only	
Fortimo LED SLM 800					
Fortimo LED SLM 1100					
Fortimo LED SLM 1500					
Fortimo LED SLM 2000					
Fortimo LED SLM 3000					
Lexel LED SLM 1100 TW					
Lexel LED SLM 800 RGB					



Philips Fortimo SLM LED Modules													
Heatsink	Pa	ır30 Cool	ler 40W		Pa	Par25 Cooler 32W				Par20 Cooler 24W			
SynJet		ZFlow 65				ZFlow 65			ZFlow 65				
SynJet Setting	High	Standard	Silent	Heatsink Only	High	Standard	Silent	Heatsink Only	High	Standard	Silent	Heatsink Only	
Fortimo LED SLM 800													
Fortimo LED SLM 1100													
Fortimo LED SLM 1500													
Fortimo LED SLM 2000													
Fortimo LED SLM 3000													
Lexel LED SLM 1100 TW													
Lexel LED SLM 800 RGB													

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Guide:

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Philips Fortimo DLM LED Modules								
Heatsink	Dow	Downlight Cooler 140, 48W Downlight Cooler 120, 4					, 40W	
SynJet	ZFlow 100					ZFIo	w 100	
SynJet Setting	High	Standard	Silent	Heatsink Only	High	Standard	Silent	Heatsink Only
Fortimo LED DLM 1100								
Fortimo LED DLM 2000								
Fortimo LED DLM 3000								
Lexel LED DLM 1100 2700-6500								
Fortimo LED DLM 2000 Food								





Philips Fortimo Twistable DLM LED Modules					
Heatsink		CoolTw	ist 40W		
SynJet		ZFlo	w 65		
SynJet Setting	High	Standard	Silent	Heatsink Only	
Fortimo LED Twistable 1100 - 25K L70					
Fortimo LED Twistable 1100 - 50K L70					



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

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Guide:

- · Please see the legend below for the ambient temperature rating of each solution.
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- · For Nuventix part numbers, see the bottom of this page.

Philips Fortimo LLM LED Modules					
Heatsink	Linear Light Cooler 22W				
SynJet	XFlo	w 30			
SynJet Setting	Standard	Heatsink Only			
Fortimo LED LLM 1800 740					
Fortimo LED LLM 1800 730					
Fortimo LED LLM 1100 740					
Fortimo LED LLM 1100 730					



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

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- 2) A functional test should always be performed on the complete luminaire in the worst case ambient condition.

Nuventix Part Number Guide						
Downlight Cooler 120, 40W	HSSLS-CALBL-005	Heatsink, 40W, Downlight Cooler 120, Philips DLM and Lexel, Black				
Downlight Cooler 140, 48W	HSSLS-CALBL-003	Heatsink, 48W, Downlight Cooler 140, Philips DLM and Lexel, Black				
Linear Light Cooler 22W	NX301100	Heatsink, 22W, Linear Light Cooler, Philips LLM, Black				
Par20 Cooler 24W	HP20S-CALBL-001	Heatsink, 24W, PAR20 Style, Configurable, Black				
Par25 Cooler 32W	HP25S-CALBL-001	Heatsink, 32W, PAR25 Style, Configurable, Black				
Par30 Cooler 40W	HP30S-CALBL-001	Heatsink, 40W, PAR30 Style, Configurable, Black				
Spotlight Cooler 21W	HSSLS-CALCL-005	Heatsink, 21W, Spotlight Cooler, Philips SLM, Matte Silver				
Spotlight Cooler 31W	HSLCS-CALCL-001	Heatsink, 31W, Spotlight Cooler, Philips SLM, Silver				
Spotlight Cooler 34W	HSLCS-CALBL-001	Heatsink, 34W, Spotlight Cooler, Philips SLM, Black				
Spotlight Cooler 38W	HSLCS-CALBL-012	Heatsink, 38W, Spotlight Cooler, Philips SLM, Black				
Spotlight Cooler 60W	NX300101	Heatsink, 60W, Spotlight Cooler, Philips SLM, Al, Black				
SynJet ZFlow 65	SPARS-CM012-002	SynJet, ZFlow 65, Level Select, 12V				
SynJet ZFlow 75	SSLCS-CM012-002	SynJet, ZFlow 75, Level Select, 12V				
SynJet ZFlow 90	NX200102	SynJet, ZFlow 90, Level Select, 12V				
SynJet ZFlow 100	SSSLS-CM012-017	SynJet, ZFlow 100, Level Select, 12V				
SynJet XFlow 30	SSCCS-IM012-002	SynJet, XFlow 30, Standard Performance PWM, 12V				
	WALLS-C4150-001	SynJet Wire Harness, 4wire, 150mm				
Wire Harness	WALLS-C4240-001	SynJet Wire Harness, 4wire, 240mm				
Wile Harriess	WALLS-C4370-001	SynJet Wire Harness, 4wire, 370mm				
	WALLS-C4600-001	SynJet Wire Harness, 4wire, 600mm				





