SPIRLED Heat Sink

Features:

- Thermal resistance range Rth(7.69℃/W; 5.0℃/W; 4.17℃/W).
- Modular design with mounting holes foreseen for direct mounting of LED modules and COB's: Diameter 48mm -110mm
- Extruded from highly conductive aluminum
- Black anodized

Compatible with:

- Xicato XSM, XIM, XTM;
- Bridgelux ESS, ESR, Vero 10, Vero 13, Vero 18 V-series;
- Citizen CLL022-CLU024, CLL032-CLU034;
- Cree XLamp CXA13xx, CXA15xx, CSA18xx;
- Lumileds Luxeon COB's 1203, 1204, 1205, Luxeon K arrays K12, K16;
- Osram PrevaLED Core, SOLERIQ P and SOLERIQ S LED engines.
- Seoul Semiconductor ZC6, ZC12, ZC18, ZC25;
- Tridonic TALEXXmodule SLE modules;
- LG Innotek LEMWM18 10W, 13W, 17W
- Edison EdiLex SLM and EdiLex II COB LED engines.
- Lustrous LUSTRON 6 series LL604F, LL608D, LL613F, LL620F
- Prolight Opto PABS, PABA, PACB, PANA
- Samung LC013, LC019, LC026 COB LED engines.
- SHARP Mini Zenigata Intermo and Mega Zenigata LED engines.
- Philips Fortimo SLM LED engines.
- Vossloh-Schwabe LUGA Shop LED engines.
- Luminus C##9, C##14 LED engines.

wakefield-vette

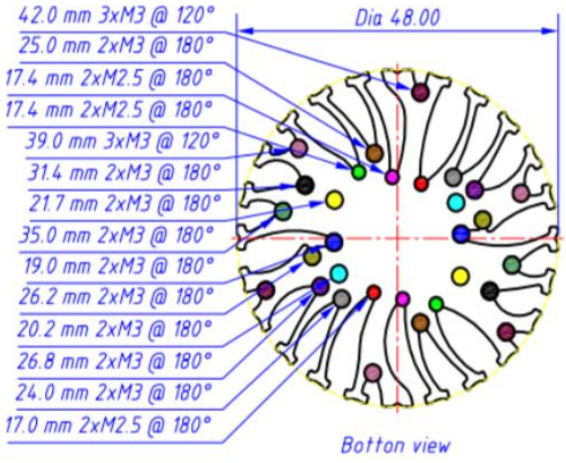
SPIRLED Heat Sink

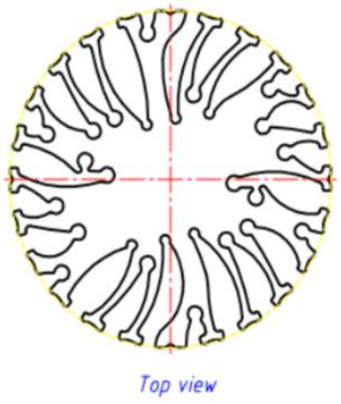
48mm Diameter

WKV Part Number	Description	Height (mm)	Diameter (mm)	Max. Lumen (lm)	Dissipated Power (W)	Thermal Resistance （ °C/W)	Weight (g)
SPIRLED-4850	SPIR LED Heat Sink 48MM DIA 50H	50	48	1400	10	5	134

*Note: All Bases Have no Holes

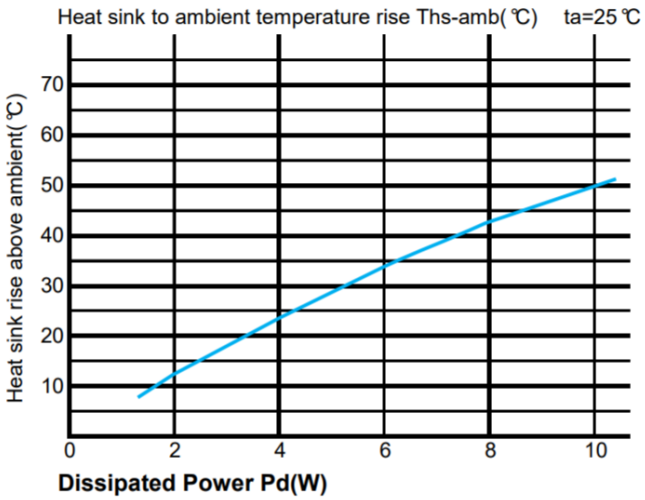
No.	Finish	Mounting Hole
H1		17.0 mm 2xM2.5 @ 180°
H2		17.4 mm 2xM2.5 @ 180°
H3		19.0 mm 2xM3 @ 180°
H4		20.2 mm 2xM3 @ 180°
H5		21.7 mm 2xM3 @ 180°
H6		22.0 mm 2xM2.5 @ 180°
H7		24.0 mm 2xM3 @ 180°
H8		25.0 mm 2xM3 @ 180°
H9		26.2 mm 2xM3 @ 180°
H10		26.8 mm 2xM3 @ 180°
H11		31.4 mm 2xM3 @ 180°
H12		35.0 mm 2xM3 @ 180°
H13		39.0 mm 3xM3 @ 120°
H14		42.0 mm 3xM3 @ 120°





Thermal Data SPIRLED-4850

Pd = Pe x (1-ηL)		Heat sink to ambient thermal resistance Rhs-amb (℃/W)	Heat sink to ambient temperature rise Ths-amb (℃)
Dissipated Power Pd(W)	2	6.5	13
	4	6	24
	6	5.67	34
	8	5.38	43
	10	5	50



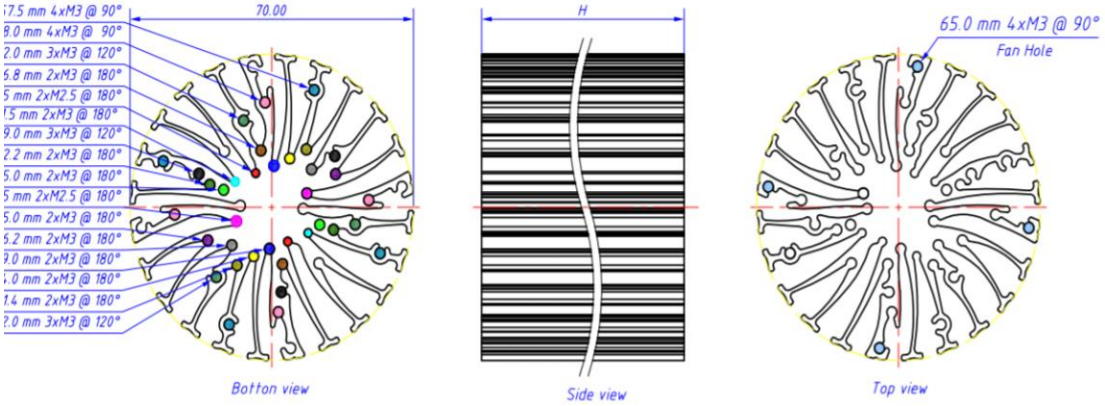
SPIRLED Heat Sink

70mm Diameter

WKV Part Number	Description	Height (mm)	Diameter (mm)	Max. Lumen (lm)	Dissipated Power (W)	Thermal Resistance (°C/W)	Weight (g)
SPIRLED-7050	SPIR LED Heat Sink 70MM DIA 50H	50	70	3200	22.9	2.2	192
SPIRLED-7080	SPIR LED Heat Sink 70MM DIA 80H	80	70	3900	28.1	1.8	308

*Note: All Bases Have no Holes

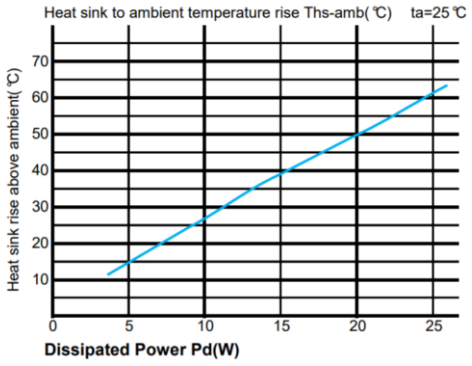
No.	Finish	Mounting Hole
H1		17.5 mm 2xM2.5 @ 180°
H2		18.5 mm 2xM2.5 @ 180°
H3		19.0 mm 2xM3 @ 180°
H4		21.5 mm 2xM3 @ 180°
H5		24.0 mm 2xM3 @ 180°
H6		25.0 mm 2xM3 @ 180°
H7		26.2 mm 2xM3 @ 180°
H8		26.8 mm 2xM3 @ 180°
H9		31.4 mm 2xM3 @ 180°
H10		32.2 mm 2xM3 @ 180°
H11		35.0 mm 2xM3 @ 180°
H12		39.0 mm 3xM3 @ 120°
H13		42.0 mm 3xM3 @ 120°
H14		48.0 mm 4xM3 @ 90°
H15		57.5 mm 4xM3 @ 90°
H16		65.0 mm 4xM3 @ 90° (Fan Hole)



Thermal Data SPIRLED-7050

Pd = Pe x (1-ηL)	Heat sink to ambient thermal resistance Rhs-amb (℃/W)	Heat sink to ambient temperature rise Ths-amb (℃)
5	3	15
10	2.7	27
15	2.6	39
20	2.5	50
25	2.44	61

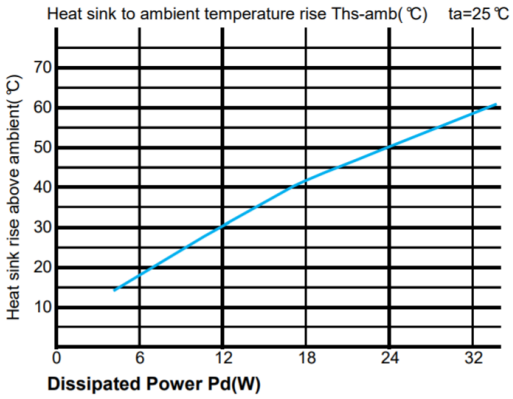
Dissipated Power Pd(W)



Thermal Data SPIRLED-7080

Pd = Pe x (1-ηL)	Heat sink to ambient thermal resistance Rhs-amb (℃/W)	Heat sink to ambient temperature rise Ths-amb (℃)
6	3	18
12	2.5	30
18	2.28	41
24	2.08	50
32	1.84	59

Dissipated Power Pd(W)



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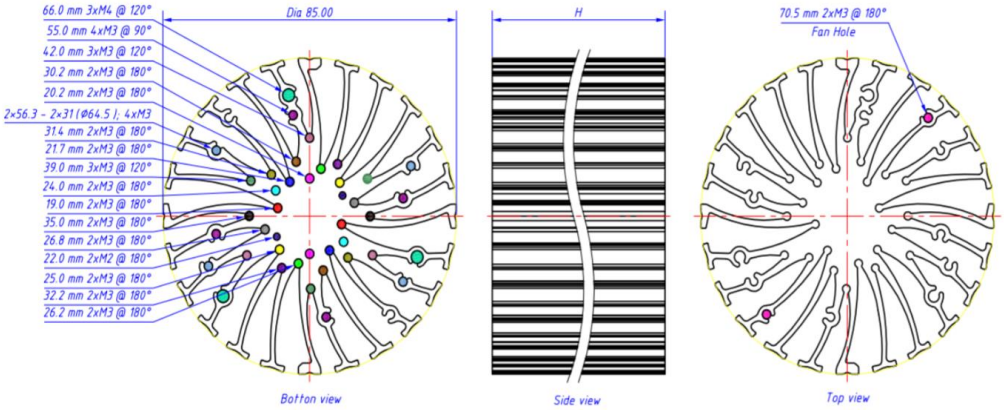
SPIRLED Heat Sink

85mm Diameter

WKV Part Number	Description	Height (mm)	Diameter (mm)	Max. Lumen (lm)	Dissipated Power (W)	Thermal Resistance （ °C/W)	Weight (g)
SPIRLED-8550	SPIR LED Heat Sink 85MM DIA 50H	50	85	4700	34	2.2	286
SPIRLED-8580	SPIR LED Heat Sink 85MM DIA 80H	80	85	5300	38	1.8	458

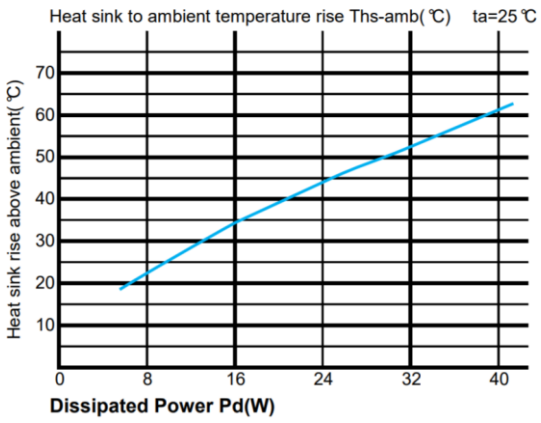
*Note: All Bases Have no Holes

No.	Finish	Mounting Hole
A1		19.0 mm 2xM3 @ 180°
A2		20.2 mm 2xM3 @ 180°
A3		21.7 mm 2xM3 @ 180°
A4		22.0 mm 2xM2 @ 180°
A5		24.0 mm 2xM3 @ 180°
A6		25.0 mm 2xM3 @ 180°
A7		26.2 mm 2xM3 @ 180°
A8		26.8 mm 2xM3 @ 180°
A9		30.2 mm 2xM3 @ 180°
A10		31.4 mm 2xM3 @ 180°
A11		32.2 mm 2xM3 @ 180°
A12		35.0 mm 2xM3 @ 180°
A13		39.0 mm 3xM3 @ 120°
A14		42.0 mm 3xM3 @ 120°
A15		55.0 mm 4xM3 @ 90°
A16		2*56.3 - 2*31 (Ø64.5); 4xM3
A17		66.0 mm 3xM4 @ 120°
A18		70.5 mm 2xM3 @ 180° (Fan Hole)



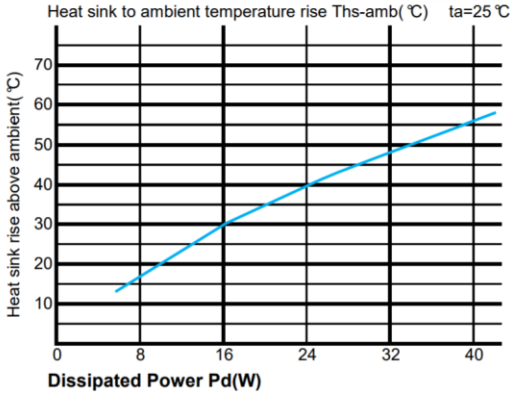
Thermal Data SPIRLED-8550

Pd = Pe x (1-ηL)		Heat sink to ambient thermal resistance Rhs-amb (℃/W)	Heat sink to ambient temperature rise Ths-amb (℃)
Dissipated Power Pd(W)	8	2.88	23
	16	2.19	35
	24	1.88	45
	32	1.66	53
	40	1.53	61



Thermal Data SPIRLED-8580

Pd = Pe x (1-ηL)		Heat sink to ambient thermal resistance Rhs-amb (℃/W)	Heat sink to ambient temperature rise Ths-amb (℃)
Dissipated Power Pd(W)	8	2.25	18
	16	1.88	30
	24	1.67	40
	32	1.5	48
	40	1.4	56



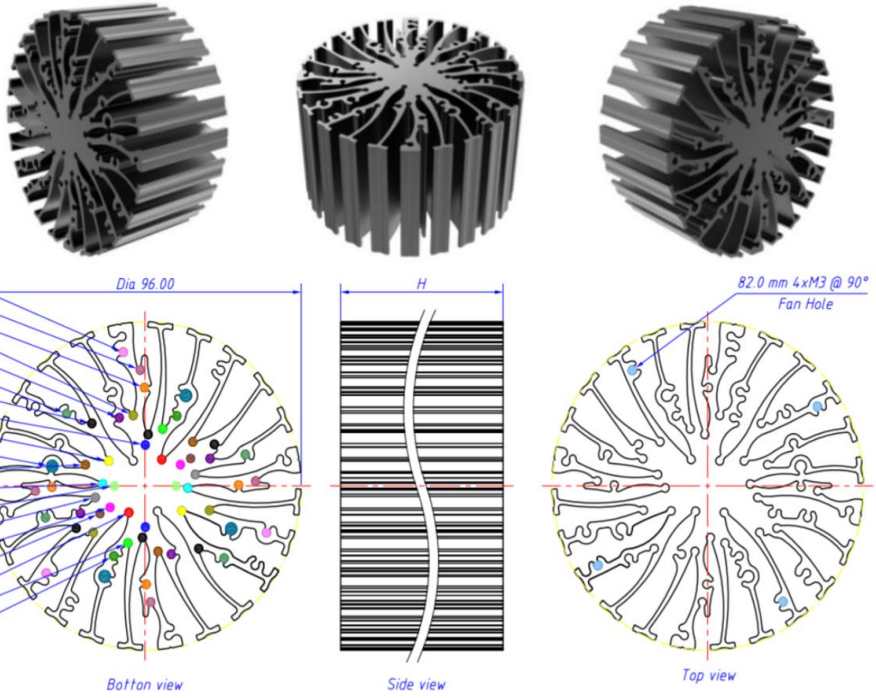
SPIRLED Heat Sink

96mm Diameter

WKV Part Number	Description	Height (mm)	Diameter (mm)	Max. Lumen (lm)	Dissipated Power (W)	Thermal Resistance (°C/W)	Weight (g)
SPIRLED-9650	SPIR LED Heat Sink 96MM DIA 50H	50	96	5200	37.5	1.2	360
SPIRLED-9680	SPIR LED Heat Sink 96MM DIA 80H	80	96	6800	49.2	0.9	575

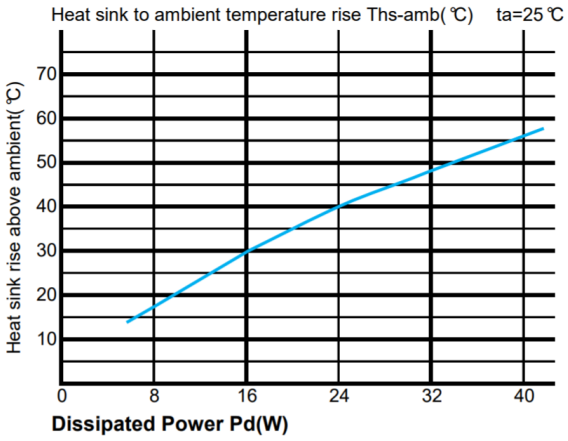
*Note: All Bases Have no Holes

No.	Finish	Mounting Hole
H1		18.5 mm 2xM3 @ 180°
H2		19.0 mm 2xM3 @ 180°
H3		24.0 mm 2xM3 @ 180°
H4		25.0 mm 2xM3 @ 180°
H5		26.2 mm 2xM3 @ 180°
H6		26.8 mm 2xM3 @ 180°
H7		31.4 mm 2xM3 @ 180°
H8		32.2 mm 2xM3 @ 180°
H9		35.0 mm 2xM3 @ 180°
H10		39.0 mm 3xM3 @ 120°
H11		42.0 mm 3xM3 @ 120°
H12		43.0 mm 4xM3 @ 90°
H13		45.2 mm 2xM3 @ 180°
H14		2*38.2-2*31.0 (Ø49.0);6xM3
H15		57.5mm 4xM3 @ 90°
H16		58.5mm @ 90°(104°,76°);4xM4
H17		2*56.3-2*31.0 (Ø64.2);4xM3
H18		68.0 mm 4xM3 @ 90°
H19		79.5 mm 3xM3 @ 120°
H20		82.0 mm 4xM3 @ 90° (Fan Hole)



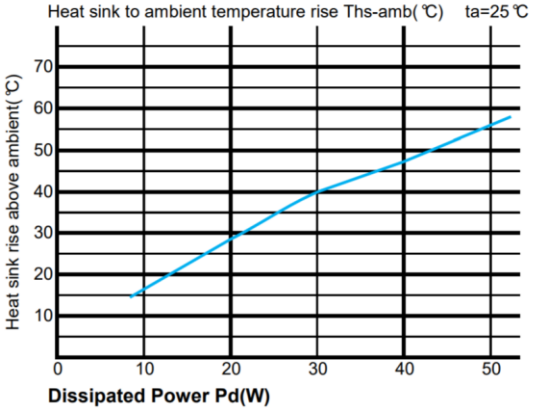
Thermal Data SPIRLED-9650

Pd = Pe x (1-ηL)		Heat sink to ambient thermal resistance Rhs-amb (℃/W)	Heat sink to ambient temperature rise Ths-amb (℃)
Dissipated Power Pd(W)	8	2.25	18
	16	1.88	30
	24	1.67	40
	32	1.5	48
	40	1.4	56



Thermal Data SPIRLED-9680

Pd = Pe x (1-ηL)		Heat sink to ambient thermal resistance Rhs-amb (℃/W)	Heat sink to ambient temperature rise Ths-amb (℃)
Dissipated Power Pd(W)	10	1.7	17
	20	1.45	29
	30	1.33	40
	40	1.2	48
	50	1.12	56



wakefield-vette

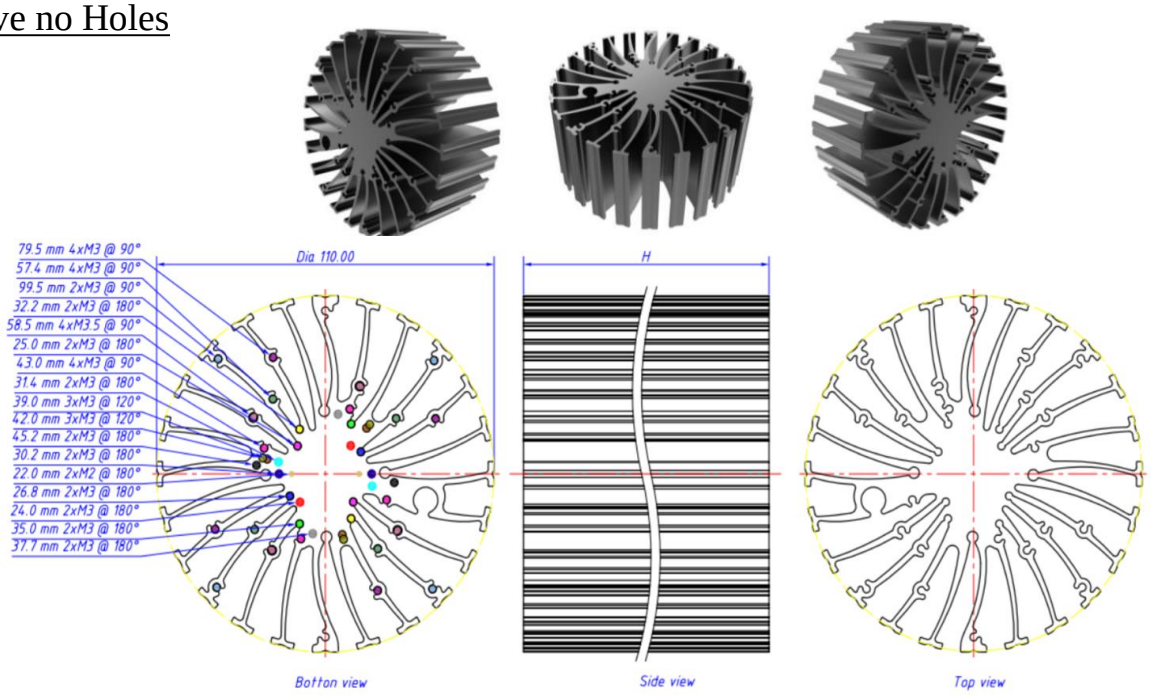
SPIRLED Heat Sink

110mm Diameter

WKV Part Number	Description	Height (mm)	Diameter (mm)	Max. Lumen (lm)	Dissipated Power (W)	Thermal Resistance (°C/W)	Weight (g)
SPIRLED-11050	SPIR LED Heat Sink 110MM DIA 50H	50	110	6700	48	1.1	414
SPIRLED-11080	SPIR LED Heat Sink 110MM DIA 80H	80	110	7900	57	0.9	662

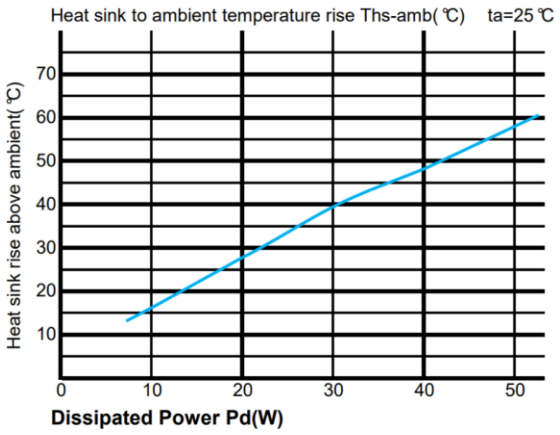
*Note: All Bases Have no Holes

No.	Finish	Mounting Hole
H1		22.0 mm 2xM2 @ 180°
H2		24.0 mm 2xM3 @ 180°
H3		25.0 mm 2xM3 @ 180°
H4		26.8 mm 2xM3 @ 180°
H5		30.2 mm 2xM3 @ 180°
H6		31.4 mm 2xM3 @ 180°
H7		32.2 mm 2xM3 @ 180°
H8		35.0 mm 2xM3 @ 180°
H9		37.7 mm 2xM3 @ 180°
H10		39.0 mm 3xM3 @ 120°
H11		42.0 mm 3xM3 @ 120°
H12		43.0 mm 4xM3 @ 90°
H13		45.2 mm 2xM3 @ 180°
H14		57.4 mm 4xM3 @ 90°
H15		58.5 mm 4xM3.5 @ 90°
H16		79.5 mm 4xM3 @ 90°
H17		99.5 mm 2xM3 @ 90°



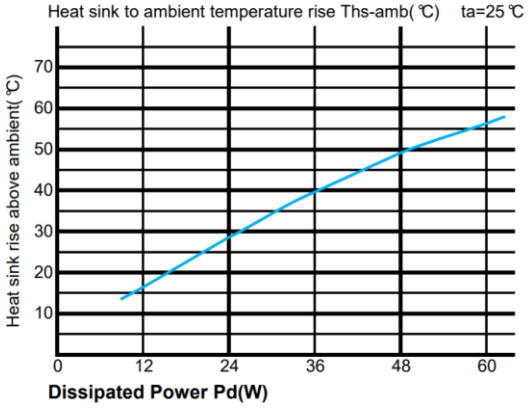
Thermal Data SPIRLED-11050

Pd = Pe x (1-ηL)		Heat sink to ambient thermal resistance Rhs-amb (℃/W)	Heat sink to ambient temperature rise Ths-amb (℃)
Dissipated Power Pd(W)	10	1.6	16
	20	1.4	28
	30	1.33	40
	40	1.23	49
	50	1.16	58



Thermal Data SPIRLED-11080

Pd = Pe x (1-ηL)		Heat sink to ambient thermal resistance Rhs-amb (℃/W)	Heat sink to ambient temperature rise Ths-amb (℃)
Dissipated Power Pd(W)	12	1.33	16
	24	1.21	29
	36	1.11	40
	48	1.03	49.5
	60	0.95	57



LifeElectronics
Живое партнерство

ООО «ЛайфЭлектроникс» **“LifeElectronics” LLC**

ИНН 7805602321 КПП 780501001 Р/С 40702810122510004610 ФАКБ "АБСОЛЮТ БАНК" (ЗАО) в г.Санкт-Петербурге К/С 30101810900000000703 БИК 044030703

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- *Конкурентоспособные цены и скидки постоянным клиентам.*
- *Специальные условия для постоянных клиентов.*
- *Подбор аналогов.*
- *Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.*

- *Приемлемые сроки поставки, возможна ускоренная поставка.*
- *Доставку товара в любую точку России и стран СНГ.*
- *Комплексную поставку.*
- *Работу по проектам и поставку образцов.*
- *Формирование склада под заказчика.*

- *Сертификаты соответствия на поставляемую продукцию (по желанию клиента).*
- *Тестирование поставляемой продукции.*
- *Поставку компонентов, требующих военную и космическую приемку.*
- *Входной контроль качества.*
- *Наличие сертификата ISO.*

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- *Регистрацию проекта у производителя компонентов.*
- *Техническую поддержку проекта.*
- *Защиту от снятия компонента с производства.*
- *Оценку стоимости проекта по компонентам.*
- *Изготовление тестовой платы монтаж и пусконаладочные работы.*

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