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

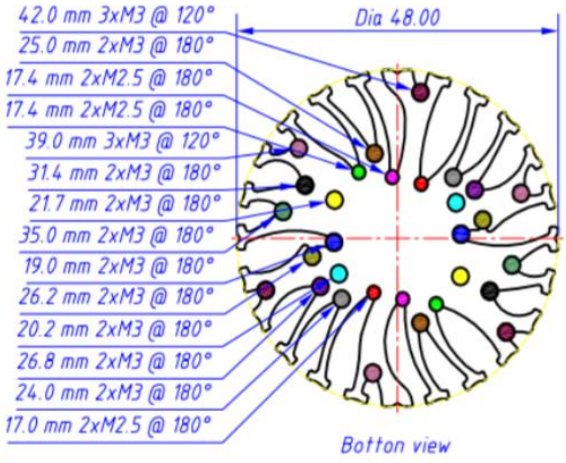
SPIRLED Heat Sink

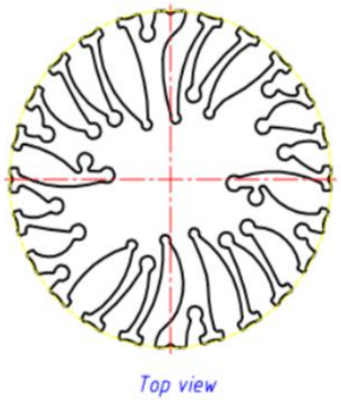
48mm Diameter

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

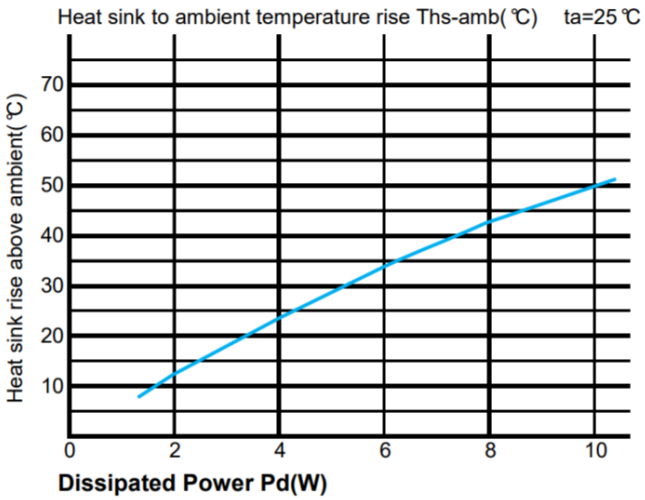
No.	Finish	Mounting Hole
H1		17.0 mm 2xM2.5 @ 180°
H2		17.4 mm 2xM2.5 @ 180°
H3		19.0 mm 2xM3 @ 180°
H4		20.2 mm 2xM3 @ 180°
H5		21.7 mm 2xM3 @ 180°
H6		22.0 mm 2xM2.5 @ 180°
H7		24.0 mm 2xM3 @ 180°
H8		25.0 mm 2xM3 @ 180°
H9		26.2 mm 2xM3 @ 180°
H10		26.8 mm 2xM3 @ 180°
H11		31.4 mm 2xM3 @ 180°
H12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



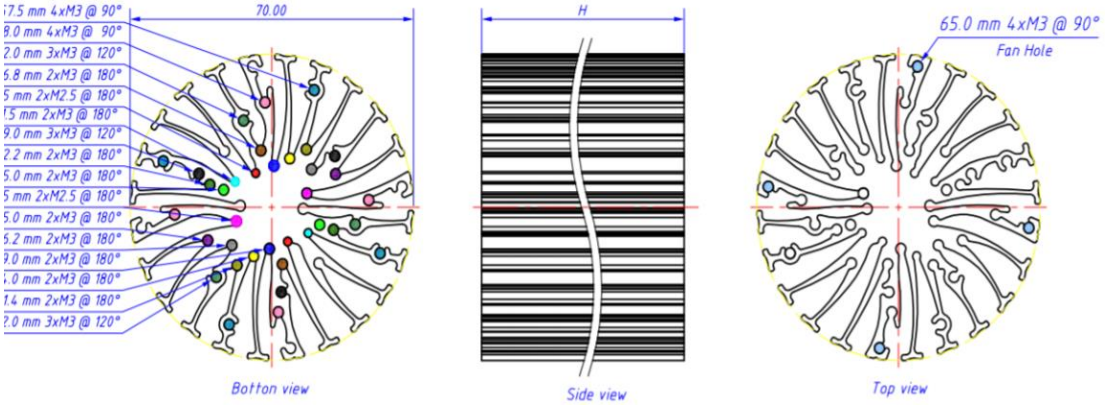
SPIRLED Heat Sink

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

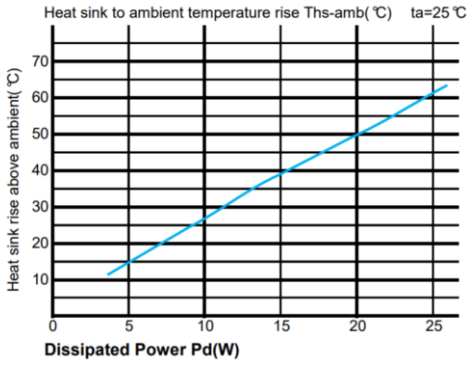
No.	Finish	Mounting Hole
H1		17.5 mm 2xM2.5 @ 180°
H2		18.5 mm 2xM2.5 @ 180°
H3		19.0 mm 2xM3 @ 180°
H4		21.5 mm 2xM3 @ 180°
H5		24.0 mm 2xM3 @ 180°
H6		25.0 mm 2xM3 @ 180°
H7		26.2 mm 2xM3 @ 180°
H8		26.8 mm 2xM3 @ 180°
H9		31.4 mm 2xM3 @ 180°
H10		32.2 mm 2xM3 @ 180°
H11		35.0 mm 2xM3 @ 180°
H12		39.0 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

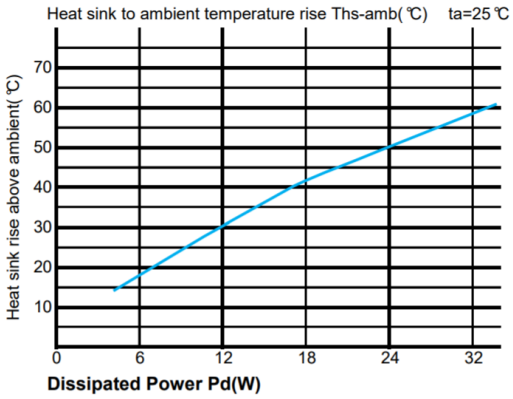
Dissipated Power Pd(W)



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)



wakefield-vette

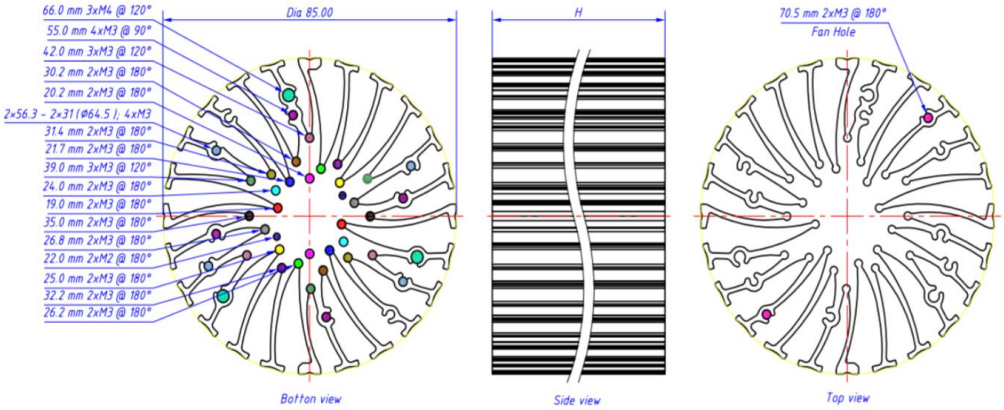
SPIRLED Heat Sink

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

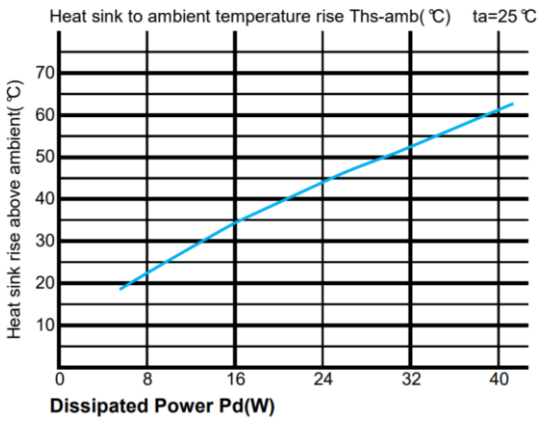
*Note: All Bases Have no Holes

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)



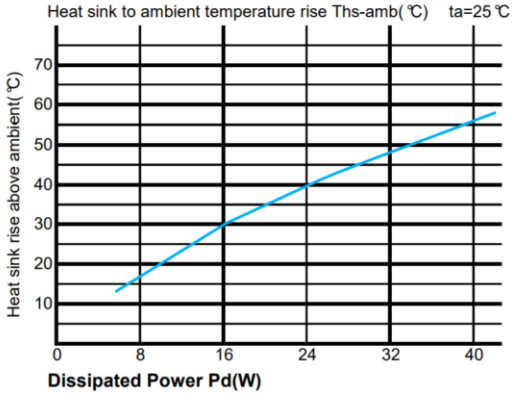
Thermal Data SPIRLED-8550

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



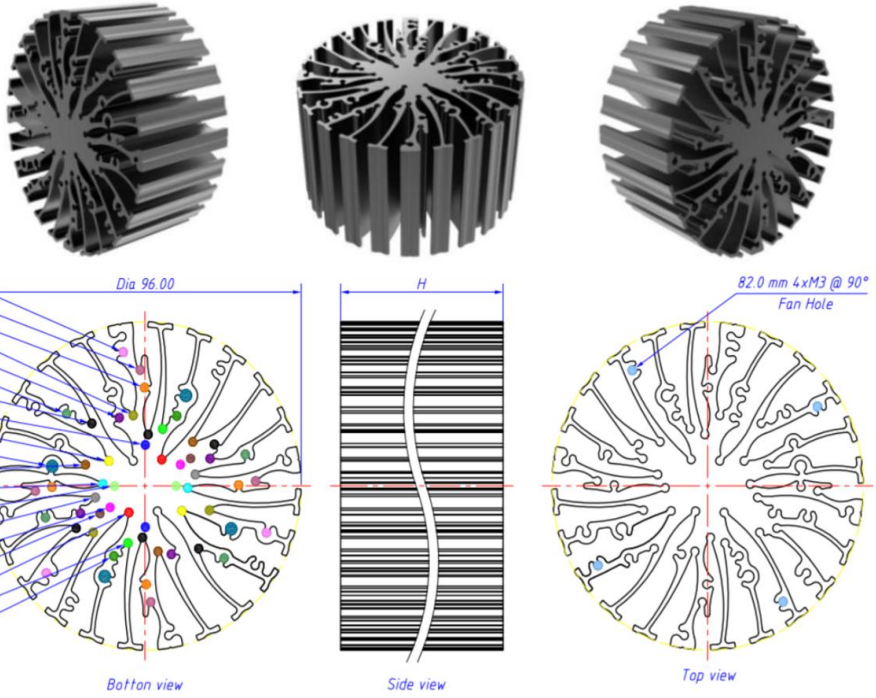
SPIRLED Heat Sink

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

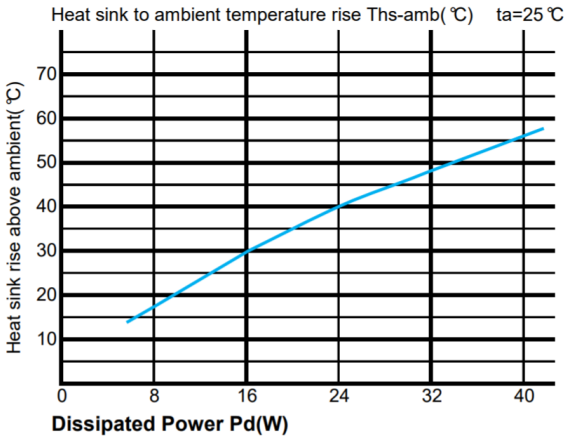
*Note: All Bases Have no Holes

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)



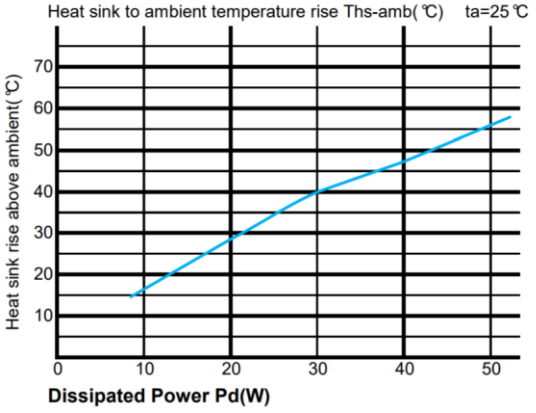
Thermal Data SPIRLED-9650

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

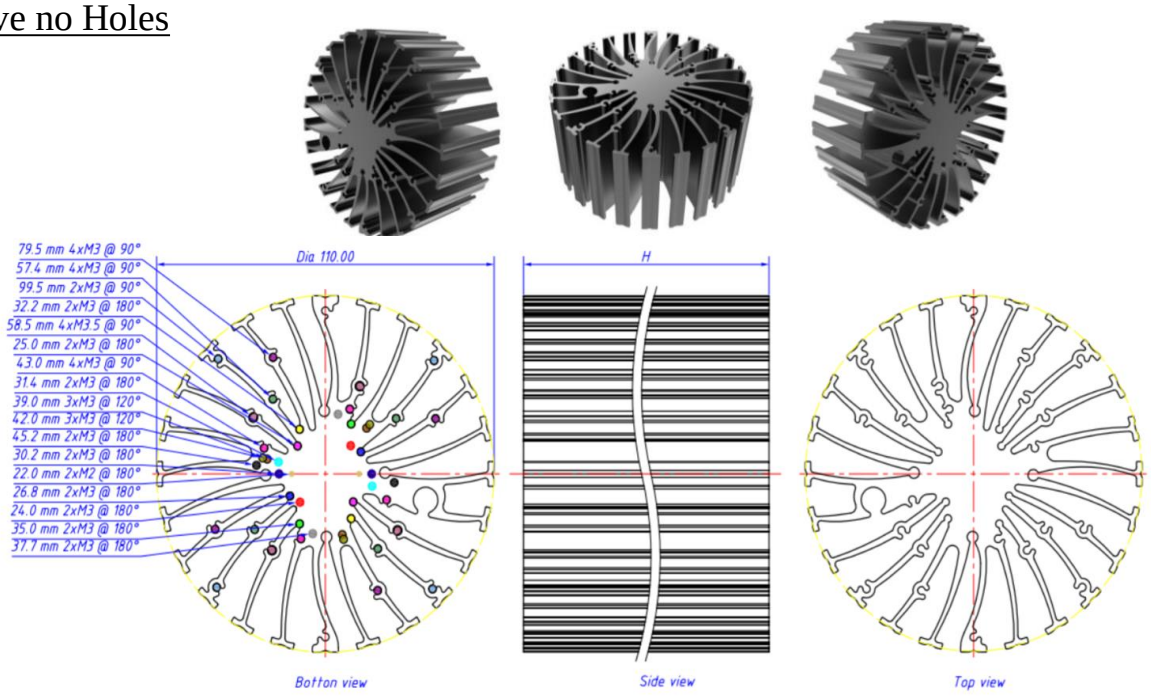
SPIRLED Heat Sink

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

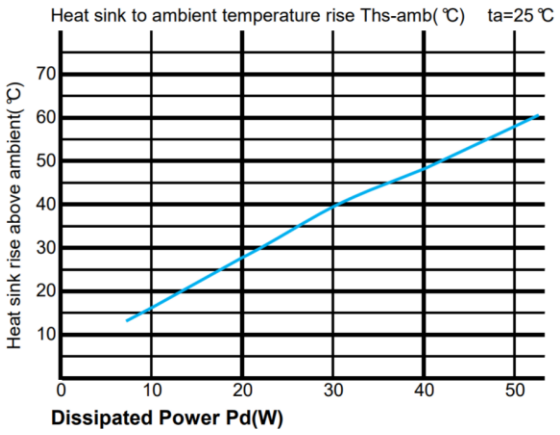
*Note: All Bases Have no Holes

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°



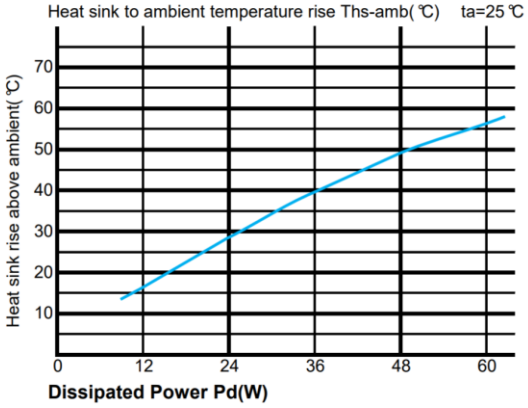
Thermal Data SPIRLED-11050

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



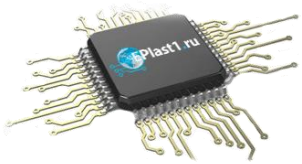
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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