

STRTLED Heat Sink

Wakefield- Vette's STRTLED radial aluminum extrusion that makes the convection heat dissipation reasonable. This is compatible with Light Modules such as Edison, Xicato, Bridgelux, Osram, Lumileds, Cree, Tridonic, LG, Lustrous, Prolight, Samsung, SHARP, Luminus and Philips.



Features:

- Mechanical compatibility with direct mounting of the LED modules to the LED cooler and thermal performance matching the lumen packages
- Several Diameters, Several Standard heights
- Extruded from highly conductive aluminum
- Black Anodized
- Blank surface with no holes to mount any device listed below

Compatible with:

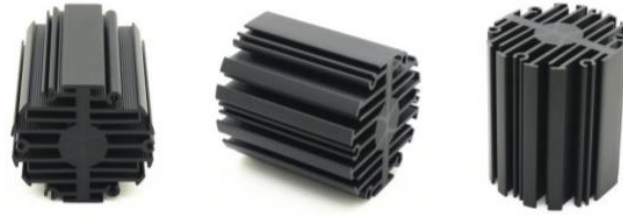
- Xicato XSM, XIM,XTM
- Bridgelux ESS, ESR, Vero 10, Vero 13, Vero 18 V-series
 - Citizen CLL024-CLU028, CLL034-CLU038
 - Cree XLamp CXA13xx, CXA15xx, CSA18xx
- Lumileds Luxeon COB's 1203, 1204, 1205, Luxeon K arrays K12, K16
- Osram PrevaLED Core, SOLERIQ P and SOLERIQ S LED engines
 - Seoul Semiconductor 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
- Samsung 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

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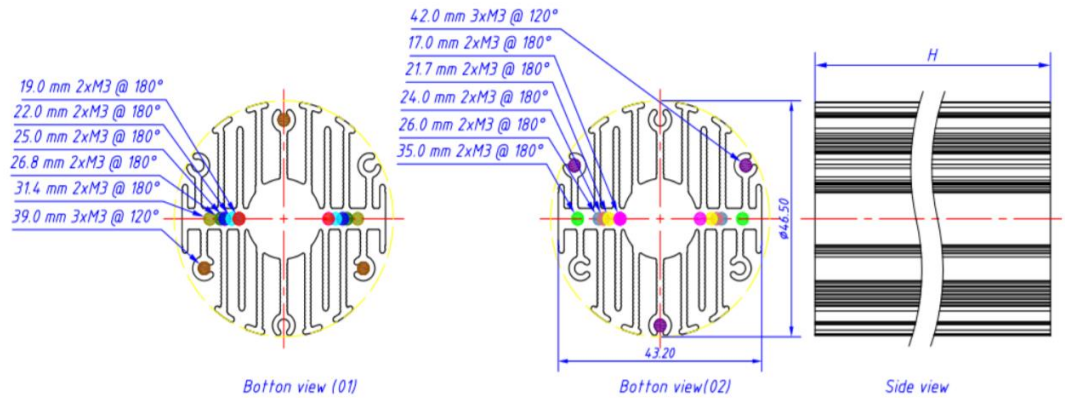
46mm Diameter

WKV Part Number	Description	Height (mm)	Diameter (mm)	Max. Lumen (lm)	Dissipated Power (W)	Thermal Resistance (°C/W)	Weight (g)
STRTLED-4650	STRT LED Heat Sink 46MM DIA 50H	50	46	1400	10	5	101

*Note: All Bases Have no Holes

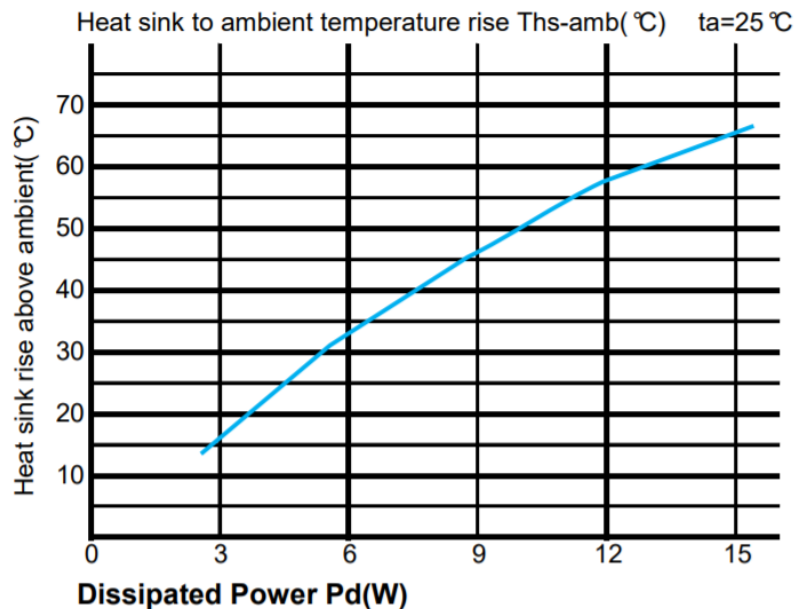


No.	Finish	Mounting Hole
A1	●	17.0 mm 2xM3 @ 180°
A2	●	19.0 mm 2xM3 @ 180°
A3	●	21.7 mm 2xM3 @ 180°
A4	●	22.0 mm 2xM3 @ 180°
A5	●	24.0 mm 2xM3 @ 180°
A6	●	25.0 mm 2xM3 @ 180°
A7	●	26.0 mm 2xM3 @ 180°
A8	●	26.8 mm 2xM3 @ 180°
A9	●	31.4 mm 2xM3 @ 180°
A10	●	35.0 mm 2xM3 @ 180°
A11	●	39.0 mm 3xM3 @ 120°
A12	●	42.0 mm 3xM3 @ 120°



Thermal Data STRTLED-4650

Dissipated Power Pd(W)	Pd = Pe x (1-ηL)		Heat sink to ambient thermal resistance Rhs-amb (°C/W)	Heat sink to ambient temperature rise Ths-amb (°C)
	3	5.67	17	
6	5.5	33		
9	5.22	47		
12	4.83	58		
15	4.33	65		



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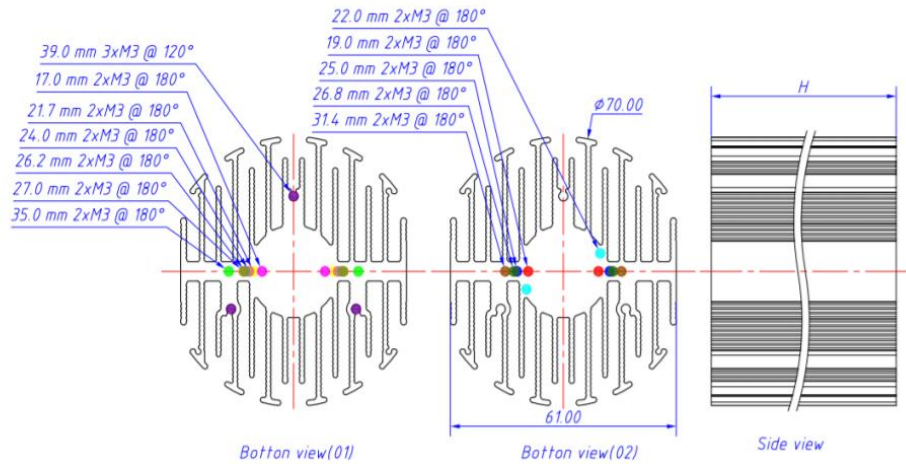
70mm Diameter

WKV Part Number	Description	Height (mm)	Diameter (mm)	Max. Lumen (lm)	Dissipated Power (W)	Thermal Resistance (°C/W)	Weight (g)
STRTLED-7050	STRT LED Heat Sink 70MM DIA 50H	50	70	3200	22.9	2.1	206

*Note: All Bases Have no Holes

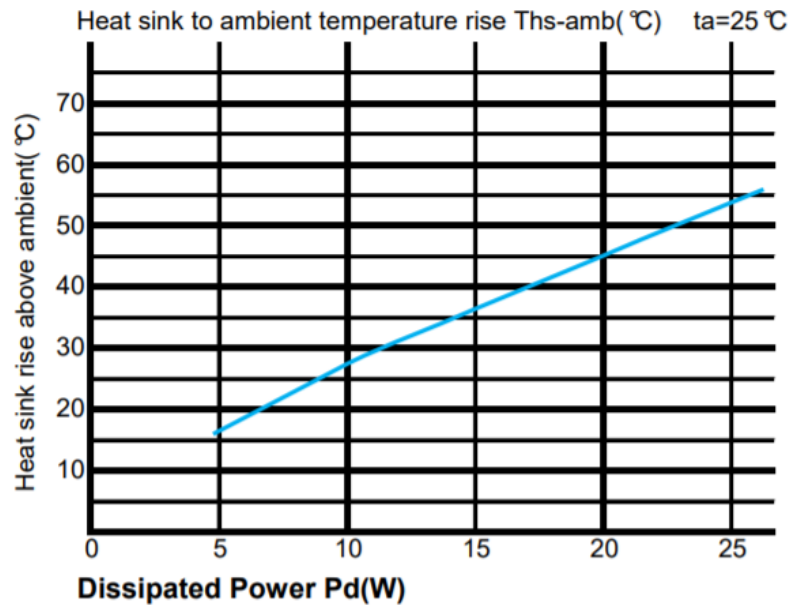


No.	Finish	Mounting Hole
A1	🟡	17.0 mm 2xM3 @ 180°
A2	🔴	19.0 mm 2xM3 @ 180°
A3	🟠	21.7 mm 2xM3 @ 180°
A4	🟢	22.0 mm 2xM3 @ 180°
A5	🟡	24.0 mm 2xM3 @ 180°
A6	🟠	25.0 mm 2xM3 @ 180°
A7	🟢	26.2 mm 2xM3 @ 180°
A8	🟡	26.8 mm 2xM3 @ 180°
A9	🟠	27.0 mm 2xM3 @ 180°
A10	🟢	31.4 mm 2xM3 @ 180°
A11	🟡	35.0 mm 2xM3 @ 180°
A12	🟠	39.0 mm 3xM3 @ 120°



Thermal Data STRTLED-7050

Dissipated Power Pd(W)	$P_d = P_e \times (1-\eta_L)$	Heat sink to ambient thermal resistance Rhs-amb (°C/W)	Heat sink to ambient temperature rise Ths-amb (°C)
	5		3.4
10		2.8	28
15		2.7	37
20		2.25	45
25		2.16	54

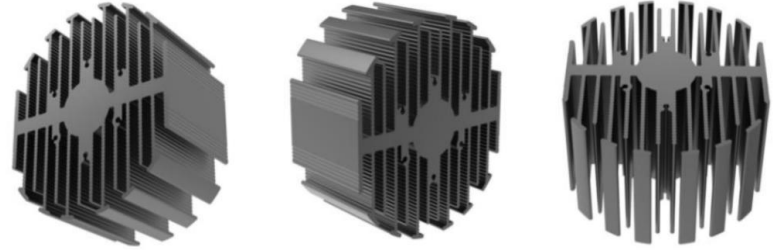


STRTLED Heat Sink

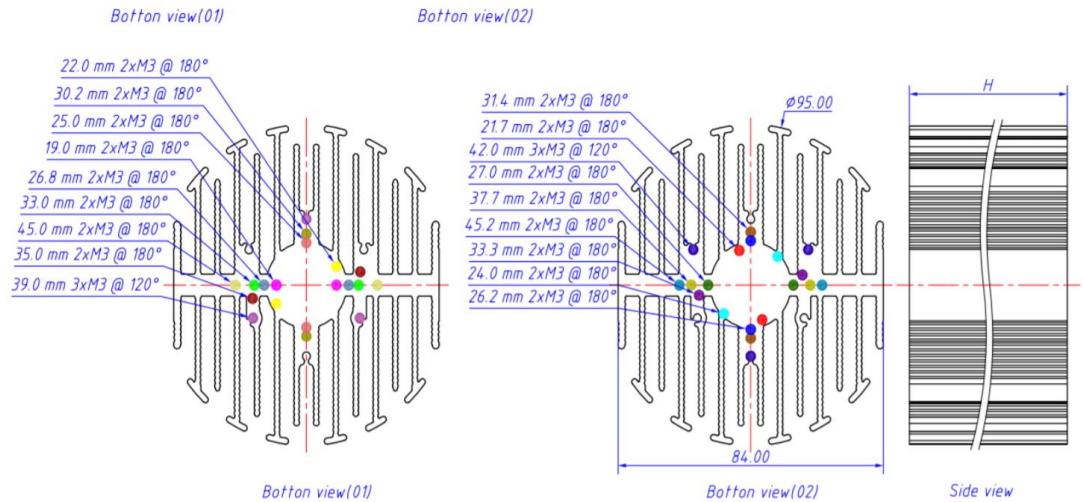
95mm Diameter

WKV Part Number	Description	Height (mm)	Diameter (mm)	Max. Lumen (lm)	Dissipated Power (W)	Thermal Resistance (°C/W)	Weight (g)
STRTLED-9550	STRT LED Heat Sink 95MM DIA 50H	50	95	5600	40.5	1.25	353

*Note: All Bases Have no Holes



No.	Finish	Mounting Hole
A1	●	19.0 mm 2xM3 @ 180°
A2	●	21.7 mm 2xM3 @ 180°
A3	●	22.0 mm 2xM3 @ 180°
A4	●	24.0 mm 2xM3 @ 180°
A5	●	25.0 mm 2xM3 @ 180°
A6	●	26.2 mm 2xM3 @ 180°
A7	●	26.8 mm 2xM3 @ 180°
A8	●	27.0 mm 2xM3 @ 180°
A9	●	30.2 mm 2xM3 @ 180°
A10	●	31.4 mm 2xM3 @ 180°
A11	●	33.0 mm 2xM3 @ 180°
A12	●	33.3 mm 2xM3 @ 180°
A13	●	35.0 mm 2xM3 @ 180°
A14	●	37.7 mm 2xM3 @ 180°
A15	●	45.0 mm 2xM3 @ 180°
A16	●	45.2 mm 2xM3 @ 180°
A17	●	39.0 mm 3xM3 @ 120°
A18	●	42.0 mm 3xM3 @ 120°



Thermal Data STRTLED-9550

Dissipated Power Pd(W)	$P_d = P_e \times (1-\eta_L)$	Heat sink to ambient thermal resistance Rhs-amb (°C/W)	Heat sink to ambient temperature rise Ths-amb (°C)
	10	1.8	18
20	1.4	28	
30	1.3	39	
40	1.25	50	
50	1.18	59	

