

### 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:**

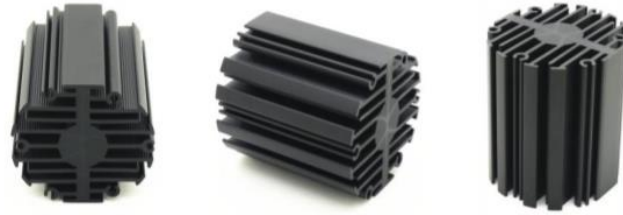
- Xicato XSM, XIM,XTM
- Bridgelux ESS, ESR, Vero 10, Vero 13, Vero 18 V-series
  - Citizen CLL024-CLU028, CLL034-CLU038
  - Cree XLamp CXA13xx, CXA15xx, CSA18xx
- Lumileds Luxeon COB's 1203, 1204, 1205, Luxeon K arrays K12, K16
- Osram PrevaLED Core, SOLERIQ P and SOLERIQ S LED engines
  - Seoul Semiconductor ZC6, ZC12, ZC18, ZC25
    - Tridonic TALEXX module 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

## STRTLED Heat Sink

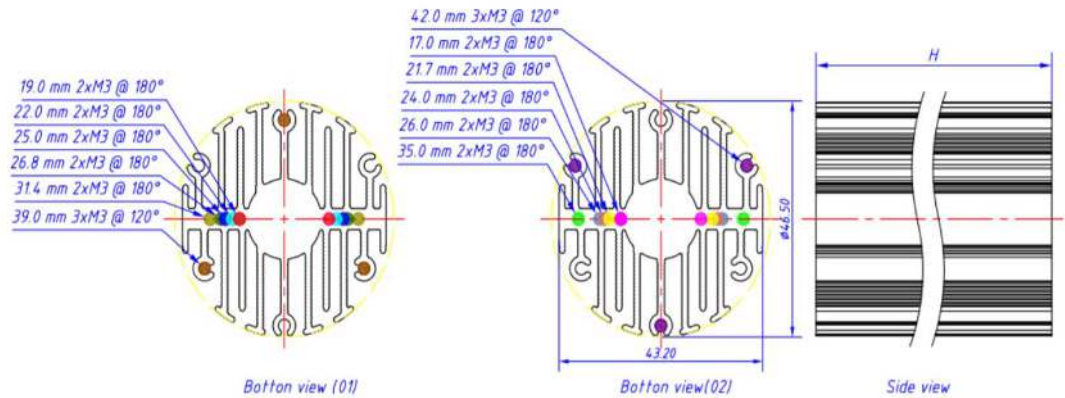
### 46mm Diameter

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

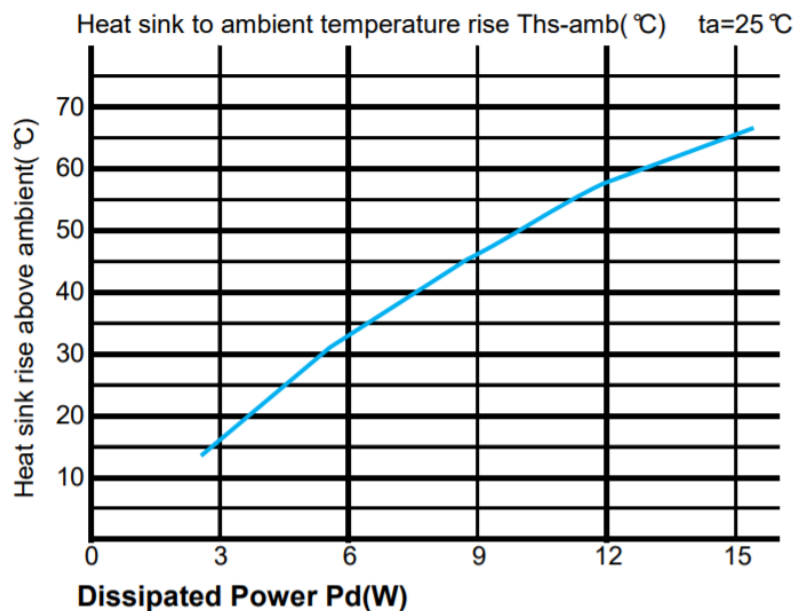


No.	Finish	Mounting Hole
A1	●	17.0 mm 2xM3 @ 180°
A2	●	19.0 mm 2xM3 @ 180°
A3	●	21.7 mm 2xM3 @ 180°
A4	●	22.0 mm 2xM3 @ 180°
A5	●	24.0 mm 2xM3 @ 180°
A6	●	25.0 mm 2xM3 @ 180°
A7	●	26.0 mm 2xM3 @ 180°
A8	●	26.8 mm 2xM3 @ 180°
A9	●	31.4 mm 2xM3 @ 180°
A10	●	35.0 mm 2xM3 @ 180°
A11	●	39.0 mm 3xM3 @ 120°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

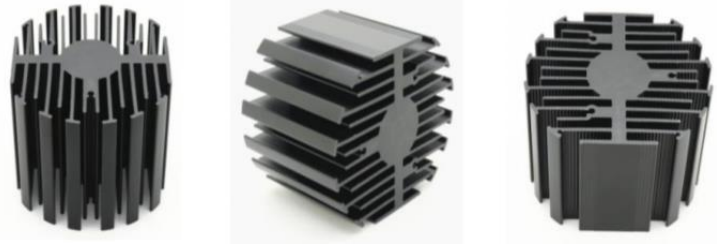


## STRTLED Heat Sink

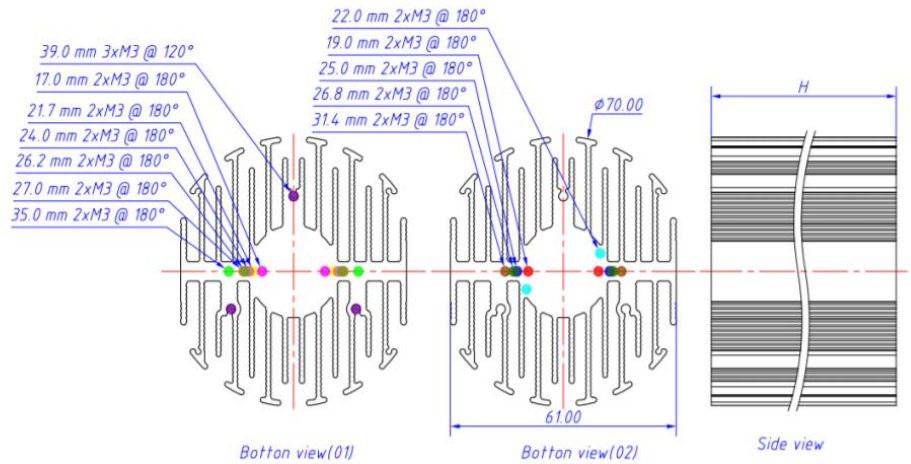
## 70mm Diameter

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

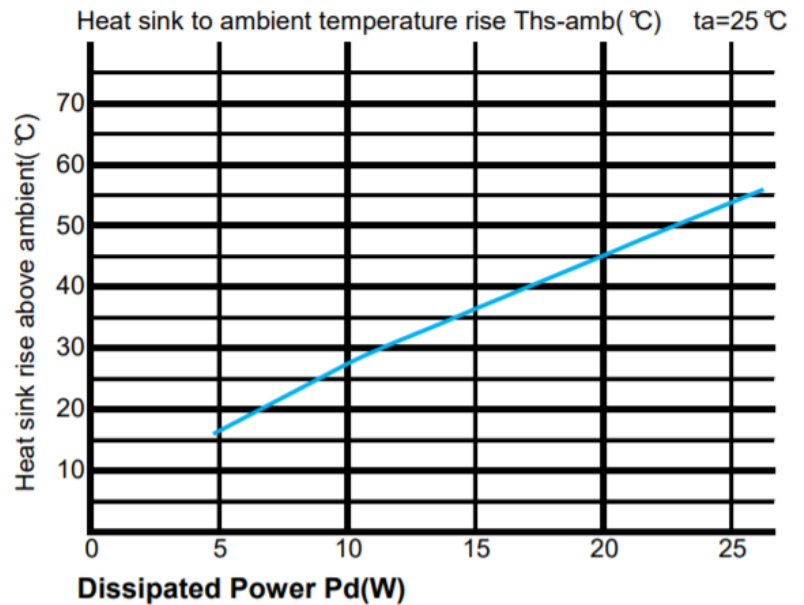


No.	Finish	Mounting Hole
A1	Yellow	17.0 mm 2xM3 @ 180°
A2	Red	19.0 mm 2xM3 @ 180°
A3	Green	21.7 mm 2xM3 @ 180°
A4	Cyan	22.0 mm 2xM3 @ 180°
A5	Blue	24.0 mm 2xM3 @ 180°
A6	Orange	25.0 mm 2xM3 @ 180°
A7	Purple	26.2 mm 2xM3 @ 180°
A8	Brown	26.8 mm 2xM3 @ 180°
A9	Pink	27.0 mm 2xM3 @ 180°
A10	Grey	31.4 mm 2xM3 @ 180°
A11	Light Blue	35.0 mm 2xM3 @ 180°
A12	Light Green	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	17
10	2.8	28	
15	2.7	37	
20	2.25	45	
25	2.16	54	

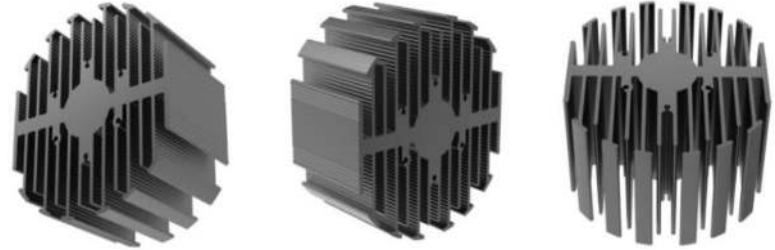


## STRTLED Heat Sink

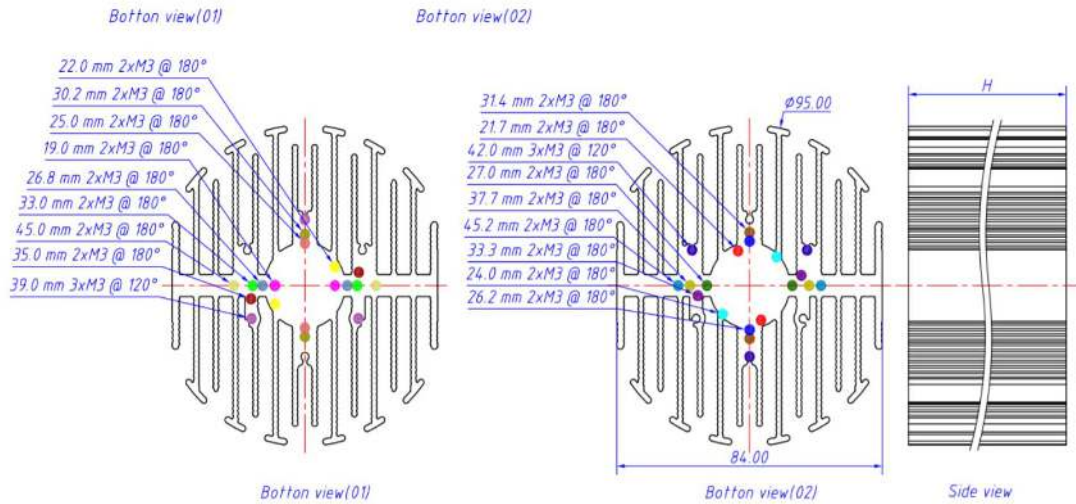
# 95mm Diameter

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	Yellow	19.0 mm 2xM3 @ 180°
A2	Red	21.7 mm 2xM3 @ 180°
A3	Green	22.0 mm 2xM3 @ 180°
A4	Cyan	24.0 mm 2xM3 @ 180°
A5	Pink	25.0 mm 2xM3 @ 180°
A6	Blue	26.2 mm 2xM3 @ 180°
A7	Light Blue	26.8 mm 2xM3 @ 180°
A8	Dark Green	27.0 mm 2xM3 @ 180°
A9	Olive	30.2 mm 2xM3 @ 180°
A10	Brown	31.4 mm 2xM3 @ 180°
A11	Bright Green	33.0 mm 2xM3 @ 180°
A12	Purple	33.3 mm 2xM3 @ 180°
A13	Red	35.0 mm 2xM3 @ 180°
A14	Yellow-Green	37.7 mm 2xM3 @ 180°
A15	Light Yellow	45.0 mm 2xM3 @ 180°
A16	Light Blue	45.2 mm 2xM3 @ 180°
A17	Pink	39.0 mm 3xM3 @ 120°
A18	Dark Blue	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	

