

LED S-Series Heat Sinks



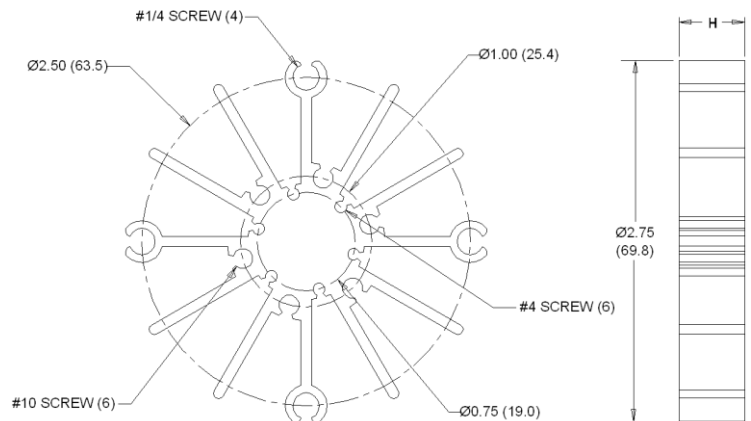
Smart Heatsinks, Inc. offers the standard LED S-series, low cost and easy assembly, radial heat sinks for LEDs, such as Lumileds, Osram and others. This simple heat sink can hold LED modules and can be mounted simply with some thread forming screws. The heat sink has two types of surface finishes. and can be used in either natural (free) or forced convection cooling applications.

SPECIFICATOINS

Heat Sink: Aluminum Alloy 6063-T5 or Equivalent with either degreased or black anodized finish.

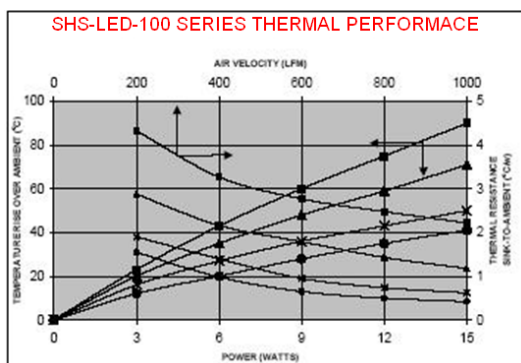
Mounting Hardware: #1/4, #10 and #4 thread forming, SS screws are preferred

Compliance: Either degreased or black anodized finished parts are compliant with RoSH.



Standard Part Number	Height "H" (in / mm)	Surface Area (in ² / mm ²)	Weight (oz / g)	Thermal Resistance*	
				Free Conv.	Forced Conv.
S-LED-113-D	0.50 / 12.7	18 / 11,739	0.077 / 35	6.67 °C/w	4.33 °C/w
S-LED-113-B				5.33 °C/w	
S-LED-125-D	1.00 / 25.4	36 / 23,478	0.154 / 70	5.33 °C/w	2.88 °C/w
S-LED-125-B				4.27 °C/w	
S-LED-151-D	2.00 / 50.8	72 / 46,956	0.308 / 140	4.00 °C/w	1.89 °C/w
S-LED-151-B				3.20 °C/w	
S-LED-176-D	3.00 / 76.2	108 / 70,434	0.462 / 210	3.11 °C/w	1.55 °C/w
S-LED-176-B				2.49 °C/w	

THERMAL PERFORMANCE



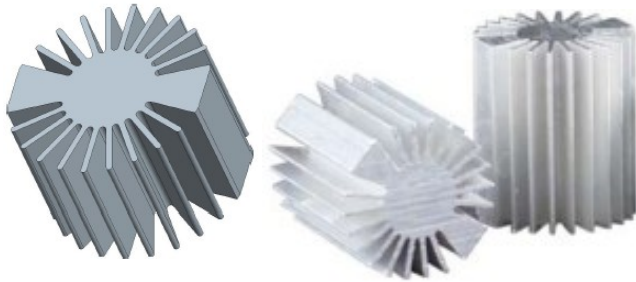
ORDERING INFORMATION

Standard P/N	Descriptions	Packaging
S-LED-113-D	Degreased, 12.7mm LG	Bulk
S-LED-113-B	Black Anodized, 12.7mm LG	Bulk
S-LED-125-D	Degreased, 25.4mm LG	Bulk
S-LED-125-B	Black Anodized, 25.4mm LG	Bulk
S-LED-151-D	Degreased, 50.8mm LG	Bulk
S-LED-151-B	Black Anodized, 50.8mm LG	Bulk
S-LED-176-D	Degreased, 76.2mm LG	Bulk
S-LED-176-B	Black Anodized, 76.2mm LG	Bulk



Smart Heatsinks
Unlike Any Others

SHS LED 100 SERIES HEAT SINK for Variety of LED Modules



Smart Heatsinks, Inc. also offers the standard LED, low cost, high performance, compact and radial heat sinks for power LED modules used in small compact devices. This simple heat sink can hold LED modules and can be mounted simply with some screws. The heat sink has two types of surface finishes and can be used in either natural (free) or forced convection cooling applications

SPECIFICATOINS

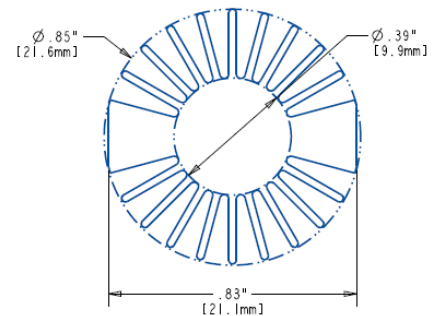
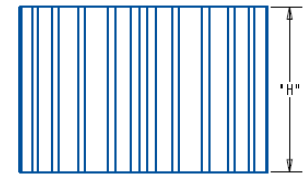
Heat Sink: Aluminum Alloy 6063-T5 or Equivalent with either degreased or black anodized finish.

Mounting Hardware: Metric or unified screws, SS screws are preferred

Compliance: Either degreased or black anodized finished parts are compliant with RoSH.

Standard Part Number	Height "H" (in / mm)	Surface Area (in ² / mm ²)	Weight (oz / g)	Thermal Resistance*
S-LED-414-D	0.55 / 14.0	5.3 / 3,419	0.23 / 6.5	9.0 °C/W
S-LED-414-B				6.7 °C/W
S-LED-425-D	0.98 / 25.0	9.5 / 6,129	0.41/11.6	5.6 °C/W
S-LED-425-B				4.2 °C/W

*Free Convection



CUSTOMIZED VERSION



Customers can add any mounting holes and mill-out pocket based upon their applications.

ORDERING INFORMATION

Standard P/N	Descriptions	Packaging
S-LED-414-D	Degreased, 14.0mm LG	Bulk
S-LED-414-B	Black Anodized, 14.0mm LG	Bulk
S-LED-425-D	Degreased, 25.0mm LG	Bulk
S-LED-425-B	Black Anodized, 25.0mm LG	Bulk