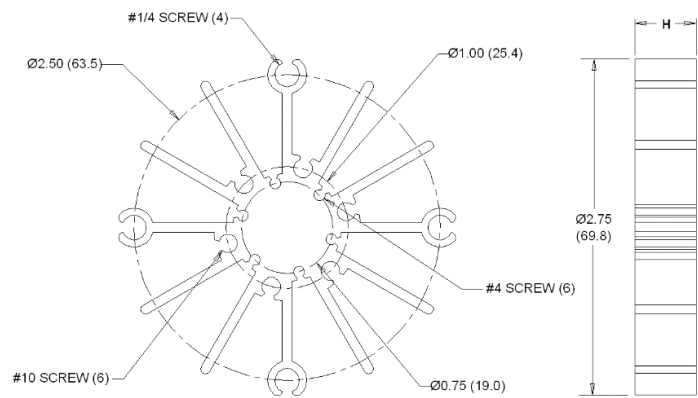


LED 100 Series Heat Sinks



Smart Heatsinks, Inc. offers the standard, LED 100 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.



SPECIFICATIONS

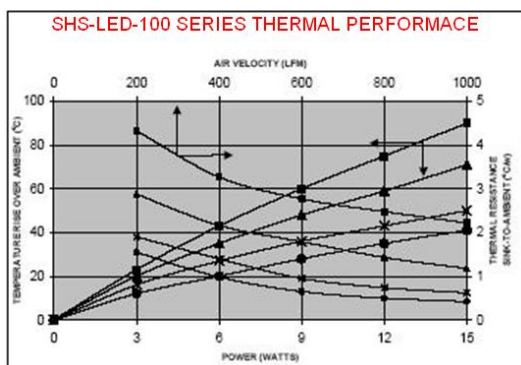
Heat Sink: Aluminum Alloy 6063-T5 or Equivalent with either degreased or black anodized finish.

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.
SHS-LED-113-D	0.50 / 12.7	18 / 11,739	0.077 / 35	6.67 °C/w	4.33 °C/w
SHS-LED-113-B				5.33 °C/w	
SHS-LED-125-D	1.00 / 25.4	36 / 23,478	0.154 / 70	5.33 °C/w	2.88 °C/w
SHS-LED-125-B				4.27 °C/w	
SHS-LED-151-D	2.00 / 50.8	72 / 46,956	0.308 / 140	4.00 °C/w	1.89 °C/w
SHS-LED-151-B				3.20 °C/w	
SHS-LED-176-D	3.00 / 76.2	108 / 70,434	0.462 / 210	3.11 °C/w	1.55 °C/w
SHS-LED-176-B				2.49 °C/w	

THERMAL PERFORMANCE



ORDERING INFORMATION

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