

Spotlight Cooler 38W LED Heat Sink

This LED Heatsink is part of the Nuventix scalable LED portfolio.

Future proof – Designed with the rapidly evolving light engine industry in mind, thermal performance can be easily increased or decreased without a luminaire redesign by adding or removing a SynJet Cooler

Flexibility – Configure to order luminaire production process, use heatsinks for low lumen applications and the SynJet Cooler with heatsink for higher lumen versions

Freedom – Compatible with most major light engines so thermal solutions and mechanical interfaces do not have to be redesigned when changing light engines

Fast – In stock and ready for overnight delivery, worldwide



Specifications

Thermal¹

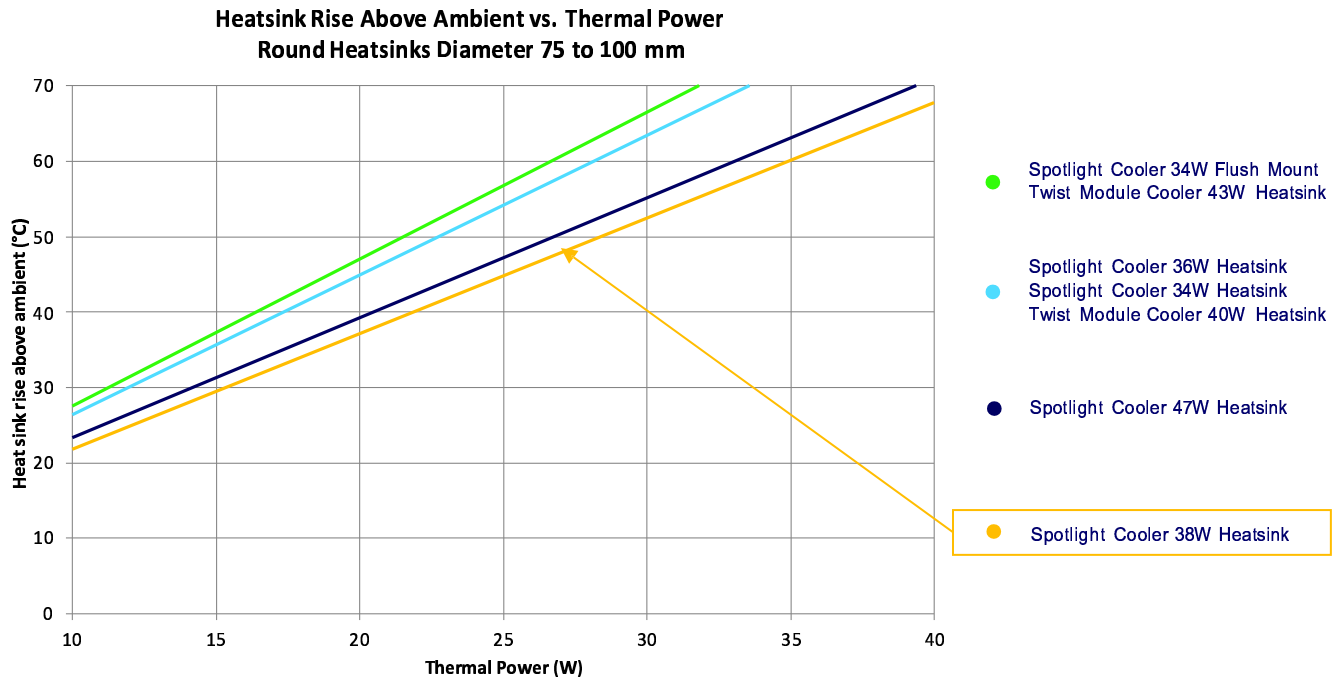
Thermal Wattage	Heatsink Θ_{s-a}	Heat Sink $T_{Rise\ Above\ Ambient}$
10 W	2.1 (°C/W)	22 (°C)
19 W	1.9 (°C/W)	36 (°C)
28 W	1.8 (°C/W)	49 (°C)

Mechanical

Material	6063-T5 Al Extrusion
Finish	Black Anodized
Weight	295g
Regulatory	RoHS

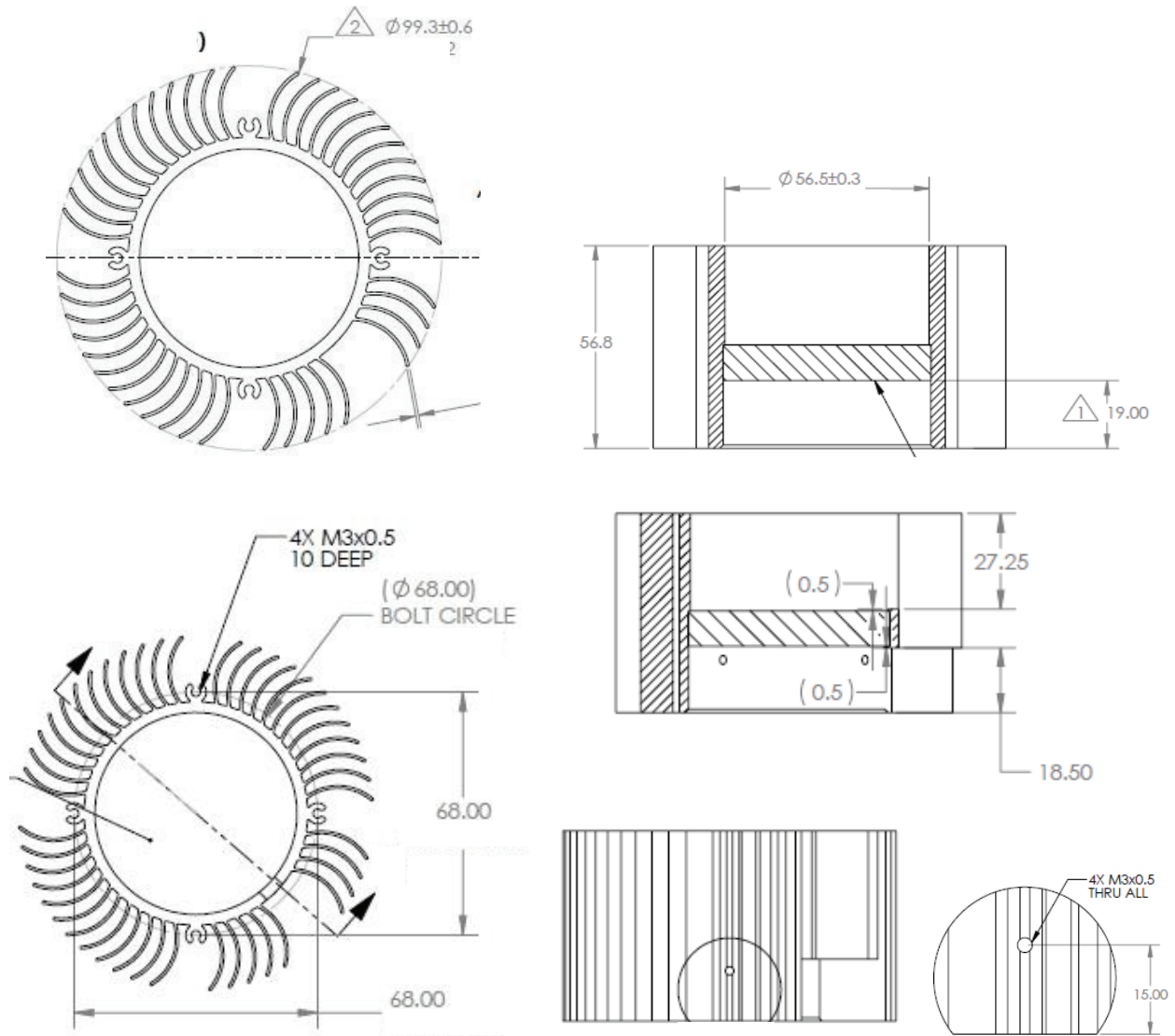
Size
Diameter: 100 mm
Height: 57 mm

The chart below summarizes the thermal performance of all round LED heatsink solutions with diameters from 75 to 100 mm.



¹ All values are typical at 25°C unless otherwise stated.

² Thermal resistance values are given as reference only and are measured in free air without airflow obstructions. Thermal resistance is measured from the bottom middle of the heat sink to ambient air, with a heat source of 19 cm². Actual thermal performance may vary by application and final product design should be tested to assure proper thermal performance.

Mechanical – LED Heatsink shown with Configurable heat sink


All dimensions are nominal and in mm unless otherwise stated. See product drawings for more detail.

Part Numbers

Part Number	Description	Notes
HSLCS-CALBL-011	Heatsink, 38W, Spotlight Cooler, Configurable, Black	Mounting surface does not have mounting holes
HSLCS-CALBL-012	Heatsink, 38W, Spotlight Cooler, Philips SLM, Vossloh-Schwabe, Black	Has mounting holes for Philips SLM or Vossloh-Schwabe
HSLCS-CALBL-015	Heatsink, 38W, Spotlight Cooler, Osram PrevaLED, Black	Has mounting holes for Osram PrevaLED
HSLCS-CALBL-019	Heatsink, 38W, Spotlight Cooler, Zhaga B3, Tridonic, Black	Has mounting holes for Zhaga Spot Modules
HSLCS-CALBL-030	Heatsink, 38W, Spotlight Cooler, Xicato XSM M3, Black	Has mounting holes for Xicato XSM Modules
HSLCS-CALBL-035	Heatsink, 38W, Spotlight Cooler, Bridgelux Vero 13/18, ES, Molex, Black	Has mounting holes for Bridgelux Vero 13/18

Nuventix reserves the right to make changes to the products or information contained herein without notice. No liability is assumed as a result of their use or applications. For additional information, please contact Nuventix directly.