Spotlight Cooler 60W 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

Thermal[1]

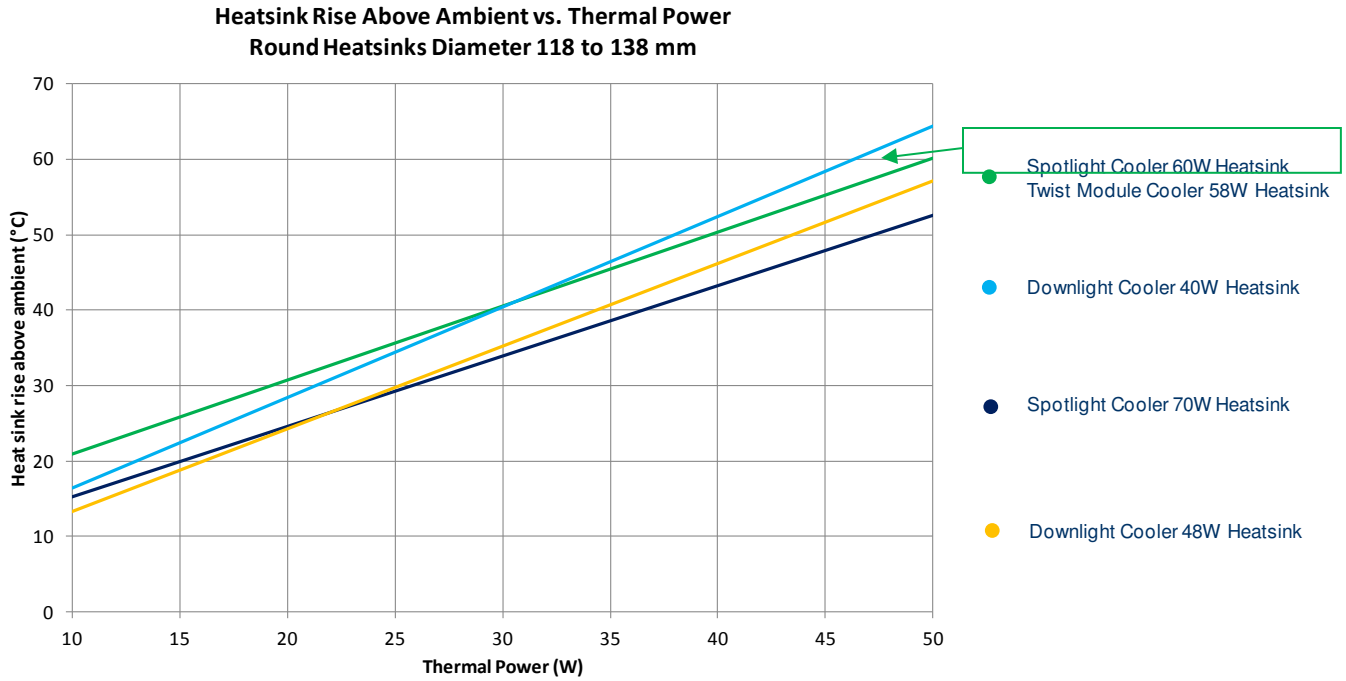
Thermal Wattage	Heatsink $\Theta_{s\text{-}a}$[2]	Heat Sink $T_{Rise\ Above\ Ambient}$
18 W	1.6 (°C/W)	29 (°C)
28 W	1.4 (°C/W)	39 (°C)
38 W	1.3 (°C/W)	48 (°C)

Mechanical

Material	6063-T5 Al Extrusion
Finish	Black Anodized
Weight	260g
Regulatory	RoHS

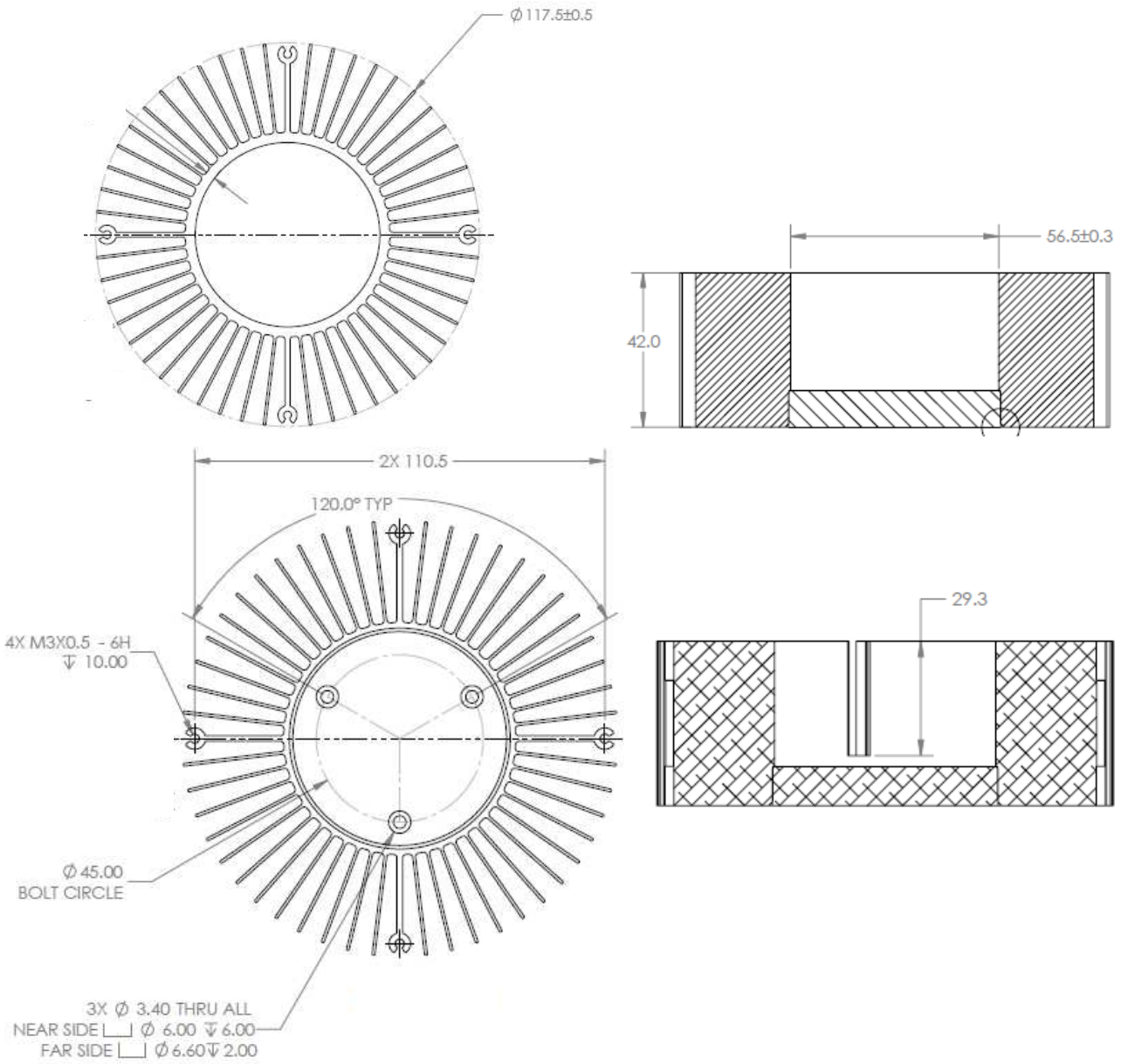
Size
Diameter: 118 mm Height: 42 mm

The chart below summarizes the thermal performance of all round LED heatsink solutions with diameters from 118 to 138 mm.



[1] All values are typical at 25ºC 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 cm^2. 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
NX300100	LED Heatsink, 60W, Configurable, Black	Contact sales for other heatsink options
NX300101	LED Heatsink, 60W, Philips SLM, Vossloh-Schwabe, Black	Contact sales for other heatsink options
NX300102	LED Heatsink, 60W, Osram PrevaLed, Black	Contact sales for other heatsink options
NX300103	LED Heatsink, 60W, BridgeLux RS, Black	Contact sales for other heatsink options
NX300105	LED Heatsink, 60W, Spotlight Cooler, Zhaga B3, Tridonic	Contact sales for other heatsink options
NX300128	LED Heatsink, 60W, Spotlight Cooler, Xicato XSM	Contact sales for other heatsink options
NX300150	LED Heatsink, 60W, Spotlight Cooler, Citizen CLL040, Ledil	Contact sales for other heatsink options

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