



ISO 9001 THERMAL MANAGEMENT | TECHNICAL PRODUCTS | INDUSTRIAL APPS | MACHINING SERVICES | NEWS | CONTACT US | ABOUT US Part # or Keyword

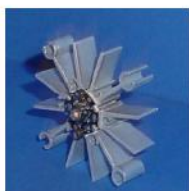
New 500 Ton Extrusion Press  
 Wakefield Thermovations™  
 Wakefield Tooling U  
 Wakefield Midwest

Heat Sinks | Heat Frames | Thermal Accessories | Thermal Modeling | Inventory | MSDS

882

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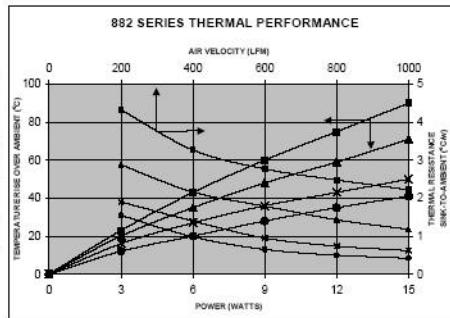
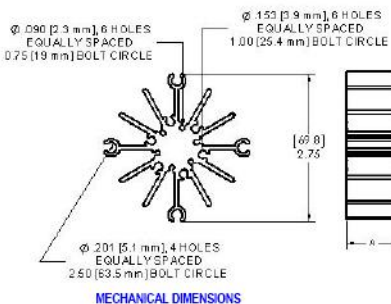
**882 SERIES – RADIAL FIN HEAT SINK FOR “STAR” LED PACKAGES**



Wakefield’s new 882 series heat sinks can be used with LEDs in the star package from Lumileds, Osram, and others. The radial design and fin area is ideally suited for natural convection applications such as ceiling lighting. A fan can also be used for increased performance in a forced convection application. Three sets of mounting holes allow maximum flexibility.

- The six .090 holes accommodate the LED module with # 4-41 screws,
- The six .153 holes can accommodate a multi-LED circuit board, mount to a panel with # 10-32 screws, or act as a conduit for wires
- The four .201 holes can be used to mount the heat sink to a panel with # 1/4-20 screws

Standard P/N	Height “A” in (mm)	Natural Convection Temp rise over ambient	Forced Convection Thermal resistance @200LFM	Weight lbs (grams)
882-50AB	0.50 (12.7)	60 °C @ 9 W	4.33 °C/W	0.073 (34)
882-100AB	1.00 (25.4)	48 °C @ 9 W	2.88 °C/W	0.146 (67)
882-200AB	2.00 (50.8)	36 °C @ 9 W	1.89 °C/W	0.293 (133)
882-300AB	3.00 (76.2)	28 °C @ 9 W	1.55 °C/W	0.439 (199)



NATURAL AND FORCED CONVECTION CHARACTERISTICS

Series 882

882-100AB 882-200AB 882-300AB 882-50AB

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