



A GLOBAL LEADER IN THERMAL MANAGEMENT SOLUTIONS AND PRODUCTS FOR TECHNICAL AND INDUSTRIAL APPLICATIONS SINCE 1957



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Part # or Keyword



New 500 Ton Extrusion Press

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882

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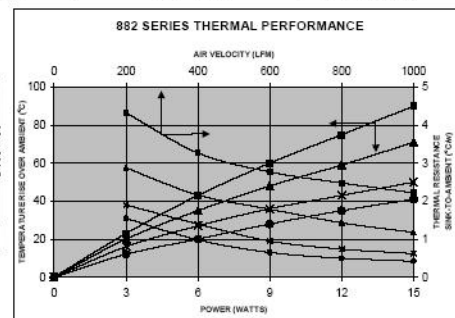
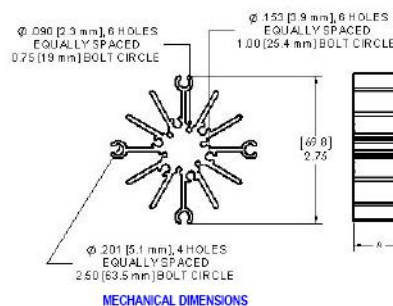
882 SERIES – RADIAL FIN HEAT SINK FOR “STAR” LED PACKAGES



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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