



WAKEFIELD

SOLUTIONS

Transportation LED Heat Sink Application

A major manufacturer of LED aftermarket product seeks design assistance from Wakefield Thermovations...



Challenges & Obstacles Overcome

Design Requirements: Develop multiple enclosures/housings that serve as lighting fixtures as well as thermal management devices.

Quality: Tight tolerances were met due to product applications for rugged environments

Price: Wakefield's vertical integration provided for competitive pricing

Lead Time: North American manufacturing offered faster lead times.

About Wakefield Thermovations

Next generation lighting cooling solutions are an important requirement for our customers' products. With a strong foundation as a premier supplier of thermal products, our Thermovations group is a new product development center focused on providing our customers with the support and design services required to make their products successful. This dedicated group of thermal specialists provide the following services to both LED Manufacturers and LED System Integrators

Comprehensive thermal modeling and detailed thermal analysis of existing products and new design concepts

Heat and cooling transfer simulation

Thermal performance verification

Dedicated thermal laboratory testing

Customized new thermal product development