Industrial Lighting

Client

Our client is a commercial lighting engineering company that has used plasma physics and high frequency electronics to develop attractive and energy efficient, long-life solid state plasma lighting technology.

Based on the West Coast, this manufacturer is delivering to the market next generation lighting that improves brightness, efficiency, lifespan and full color spectrum.

They are revolutionizing medical instrument, projection display, entertainment, architectural, street & area lighting to provide better performance more economically with less of an impact to the environment.

Their products are used world-wide today.

Challenge

This architectural and industrial lighting manufacturer needed a light source for high bay lighting in warehouse applications in addition to architectural and medical lighting.

There was no power supply that could handle the heat generated from these small, but powerful, custom light fixtures.

Solution

Wall Industries designed a highly efficient power supply for their plasma encasement that reduced the overall footprint of the lighting by approximately 50%.

Formally the client needed two power supplies for each encasement because nothing was available on the market to meet the power and dimension demands. Wall's custom design enabled the lighting manufacturer to use one, small, highly efficient power supply **saving them 40% in cost per unit**.

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