



## LED Solutions Process

### **Proof of Concept**

Before we commit to a new project we evaluate our customers' needs and determine whether or not a specific requirement can be met. This evaluation may include cost, electronic, mechanical, thermal, manufacturability and optical features. Once this evaluation is complete we can quickly design a LED solution and generate an estimated cost.

### **Prototypes**

Timely supplying prototypes to our customers are critical for product development. The prototype can be created from our standard evaluation products and off-the-shelf modules to quickly demonstrate a concept, or from a custom designed solution to evaluate all system parameters prior to transitioning to manufacturing.

### **Component Selection**

We have established relationships with all of the major LED, LED driver, LED optical and LED systems manufacturers. These relationships allow us to help in the selection of these components to optimize performance and cost effectiveness for your application. Our in-house testing lab allows us to measure LED and other light source characteristics, electrical performance and thermal analysis.

### **Design for Manufacturability**

No design can be complete without insuring manufacturability. Our extensive manufacturing experience is a key component of any product we develop. We design products to utilize standard manufacturing equipment and practices to allow the product to be manufactured at the customers' facility, OEM partner or any worldwide location.