



PROFESSIONAL
OUTDOOR LIGHTING

Shedding Light on the 1050 COB Floodlight Series A Discussion with Glenn Tyson



GLENN TYSON
Director of Engineering

HIGHLIGHTS

- » Bachelor of Science degree in Industrial Design, Arizona State University; graduated Magna Cum Laude
- » More than 30 years of experience in the lighting industry
- » Positions held: Product Designer, Senior Designer, Team Coach Managing Product Design
- » Assumed the Director of Engineering position at Vista Professional Outdoor Lighting in 2008
- » Individually holds or shares several patents
- » Highly regarded as a valued member of the lighting community

What motivated you and your team to develop this series?

We conducted research with lighting specifiers to gauge the state of flood-lighting in the architectural environment. What we found were issues that weren't being satisfactorily addressed, including pixilation, shadowing and glare. That got us thinking.

How did you proceed?

We determined we had the opportunity to develop a fixture that provides better glare control and has the capability to deliver different beam patterns of light from very narrow spots, to very smooth floodlighting for building- or ground-mounted applications.

What was the result?

We undertook the task of creating a functional, watertight fixture that would incorporate the drive elements for operating the Chip-On-Board LED technology within an enclosure that is aesthetically pleasing, price-competitive and would perform as required.

How did everything come together?

Mike Leonhardt and I did all the industrial design, tooling design and optical design work. Mike and I have partnered together for nearly 30 years, the last 8 here at Vista. Mike is the company's Senior Industrial Designer. The tooling was created utilizing Vista's vertically integrated capabilities, and all manufacturing is done in the company's facilities here in Simi Valley, California.

How does having everything in-house impact these floodlights?

We can also maintain strict quality control so the fixtures, the optics, everything performs to specification. Customization is more easily accommodated, along with lead time, product is delivered faster than traditional OEM supply chains, in days, not weeks.

“Since we don't have to rely on outside vendors for components, or their markups, this series can be competitively priced.”

We've discussed some features and benefits, how about specifications?

All the specifications for both the 1057 and 1059 are on our web site, as well as the photometrics from independent testing laboratories to validate our data. A sell sheet is also available on our site.

How about product options?

Multiple power levels to deliver varying levels of light starting at 1500 all the way up to 5000 lumens. There's the ability to internally dim with a variety of methodologies. And a range of LED color temperatures from 3000K to 5000K. Accessories include barn doors, full shields, half shields, linear spread filters and color filters. 15 standard powder-coated color options are available, and custom color capabilities.

So to wrap up, what are the top selling points?

In no particular order: price, performance, styling, versatility of lighting distributions and lead time.

