

# THE ARCHITECTURAL DIMENSION

CATALOGUE INTRODUCTION

2015

# OUR VISION

As one of the most dynamic and successful manufacturers in the architectural lighting market, GRIVEN S.r.l. World Lighting Challenge of Italy operates across a constantly increasing number of countries around the world to witness its truly international attitude.

At GRIVEN we work hard to build and maintain a reputation as 'Italian Manufacturer of Choice', ensuring that our expertise and know-how translates into the most efficient, sustainable and reliable architectural lighting equipment.

Reflecting our company's values, we recognise that the skills of our people are a major asset and play a key role in the success of our business to create also enduring customer relationships through second to none operational excellence along with unique products and services.

Through our inspired engineering and sales forces, as well as via the breadth of our products portfolio and the ability to deliver custom solutions for special lighting design needs, our vision is driven by the ambition to build long-lasting, professional and mutually profitable business partnerships.



# Why Are GRIVEN Products Successful and Which Features Make Them Stand Out From The Competition?

## SOME FACTS

### **Electronic Thermal Management:**

Internal temperature check-up and relevant management to withstand the harshest exterior weather conditions and guarantee the most efficient LED junction heat dissipation for safety, performance, high lumen maintenance standards and electronic components longevity.

**Certified operation up to 50°C.**

### **Optional Polar Edition:**

Front glass de-icing system featuring electronic voltage supply management for instant light output and access to full power flux.

**Certified operation till -40°C.**

### **Certified Quality Binning Selection:**

Colour consistency maintenance to guarantee chromaticity control even on retrofit installs.

Poor quality products show the undesirable results of inconsistent colour and colour quality maintenance of luminaires as they age.

For colour mixing, the two most important dimensions are colour and flux. These parameters are collected as part of the LED component manufacturing process and are the basis for the component binning.

**The LEDs we use are certified as industry leading granularity by defining sub-bins. Each product has a binning labeling document which provides the necessary specification.**

### **Integrated Universal Power Supply:**

Top quality electronic drivers are integrated on board the units to allow **easy system configuration and manpower costs reduction.**

### **IP rating:**

Implemented policy to avoid contact between internal components and exterior elements.

**The protection degree against the ingress of liquids and solid objects is further guaranteed by the on-board control display, the infrared data transmission or the remote data management.**

Such control features prevent any direct access to internal components upon installation as long as opening the fixtures for power and DMX connections is no longer required.

### **Integrated Control Board, Capacitive Touch Screen, Remote Firmware Update and Remote Data Management:**

Digital data management via bi-directional communication with the fixture to allow instant product check-up. **New firmware release updates and full system integration with remote fixtures offer comprehensive control over all functions and features upgrade.** Pre-sets and auto-mode operations are available for small-scale projects.

### **Vast Optical Selection:**

**Wide photometric distribution choice to meet any lighting design requirement via dedicated optical groups engineered to capture the maximum fraction of light emitted by the diodes.** Photometric data collection for advanced lighting design software integration available from our website.

### **RGB, RGBW, WHITE and MONOCHROMATIC LEDs Configurations and Custom Modifications:**

**LEDs configuration set-ups can be customized to meet specific design requirements.** White and monochromatic LEDs arrangements with “EASY” ON-OFF operation where DMX, colour mixing and dimming functions are not required. **Custom RAL finishing, anti-saline treatment, bespoke fixing yokes as well as all-in-one power and data wiring are available for special projects.**

### **Optional Five-Year Warranty Terms:**

GRIVEN guarantees the good quality and manufacture of the products and undertakes to repair or supply again, according to its opinion and within the shortest time possible, any part that shows - during the guarantee period - defects of constructions, manufacture or material. **The guarantee is valid for 24 (twenty four) months starting from invoice date. A guarantee extension is available upon request with extra charge and by signing a relevant contract, whereas maximum guarantee period is a total of 5 (five) years.**

### **Complete Lighting Design Package:**

**In-house comprehensive lighting design calculation** provided via the most accurate lighting design software that includes photometric calculation report, luminaires installation plan layout, maintenance plan among the rest. Full package features also exterior scenes 3D renderings and video presentations.

### **Project Supervision, Commissioning and Programming:**

**GRIVEN offers upon request 360° assistance to customers to finalize projects supervision and commissioning on site, as well as system programming to design and control the automated shows.**

**GRAZIE**