

# LUMOS



# WHO ARE LUMOS ?

LUMOS

LUMOS is the LED manufacturing arm of **Esprit Digital**, the world's leading display integration company. Esprit was the very first company to build screen solutions for the Digital-Out-Of-Home market when our LEDs became a feature on UK roadside billboards. Based in the UK and with our manufacturing facility in Shenzhen, LUMOS has emerged as a leading manufacturer and supplier of a wide range of LED displays with an ever-growing global footprint.

With **20 years** of experience, we are constantly evolving our understanding and capabilities based on each clients' specific needs. We merge art and technology to breathe life into your LED displays through visual innovation.

We are very much a customer led manufacturer, constantly increasing our portfolio with innovative eye catching designs, The LUMOS experience offers much more than just high-end LED.

Understanding your unique business needs is our top priority. We adapt our technology to design and engineer the ideal Indoor and Outdoor LED solutions at competitive prices.





# WHY CHOOSE LUMOS?

# LUMOS

## BECAUSE IT'S COST-EFFECTIVE AND RELIABLE!

Esprit Digital are part-owners of a well-established manufacturer in Shenzhen. All the design and development of LUMOS has been done by the Esprit Digital design team in the UK, the same team that has designed all our custom-built screen solutions over the last **20 years**.

Our customers can rely on products that deliver the highest levels of reliability, long-life expectancy and that are completely resistant to extreme weather conditions.

Our mission is to design and build the best possible digital display solutions for any environment and keep them working **24/7/365** for a minimum of 5 years.



UK  
DESIGN



UP TO 10 YEARS  
WARRANTY



GLOBAL  
SUPPORT



FAST BUILD  
DESIGN



RELIABLE



CUSTOM BUILD  
SOLUTIONS



AUTOMATED  
PRODUCTION



BESPOKE  
MODULES



HIGH  
CONTRAST



HIGH  
REFRESH RATE



# BESPOKE

LUMOS

Everything we build for our client is a tailor-made solution specifically designed, built and manufactured to meet your requirements. We welcome unique design requests and our custom-made solutions are proven to surpass our clients' expectations.

At Esprit, we manufacture our LUMOS displays in our State-of-the-art Shenzhen factory with the design being done by the Esprit Digital team in the UK, the same team that has designed all our bespoke solutions over the last 20 years.

You aren't limited to a standard size or style. We do not constrain you by what already exists, because our reputation is built on ever evolving technology innovation. We can work alongside your architects, sculptors, and artists to create a bespoke LUMOS display full of flair and vision. Your digital signage should reflect the individuality of your company.

Our highly experienced specialists, work as part of your team to ensure your vision is brought to life!

Whatever you want to say and however you want to say it, we'll help you get your message across using our unique display solutions!



## SPEAK TO US NOW...

To find out how we can support you in building a digital signage solution that works for you and your customers.



# THE LUMOS PRODUCTION PROCESS

LUMOS

Manufacturing of LUMOS begins with the right selection of raw materials and components which are appropriate to the specific placement of the LED display, and this is where our experience and knowledge really pays off – we understand **exactly** what works for each individual solution no matter what environment it is being installed into.

All raw materials are heat-treated for 12 hours prior to going onto our **Surface Mount Technology** machines to guarantee that there is absolutely no moisture either on the PCB's or the LEDs themselves. This prevents cold soldering which is the principal cause of issues within Indoor and Outdoor LED displays.

By employing advanced robotics and the very latest automation technology, we can ensure that throughout the entire production process there is minimal manual handling. This significantly decreases the chances of errors.

## KEY FEATURES:

- **NARROW LED BIN SELECTION**
- **4-8 LAYER PCB'S**
- **HIGH QUALITY CONNECTORS**
- **LED CHIP AND ENCAPSULATION BRANDS WE WORK WITH, RANGE FROM CREE TO NATIONSTAR**
- **STANDARD LED IS NATIONSTAR, BUT MAY BE CHANGED UPON REQUEST**
- **5-STEP QUALITY CONTROL PROGRAM WHICH ENSURES THE BEST POSSIBLE FINAL PRODUCT EVERY TIME**

**All products can conform to current quality standards:**

UL, ETL, FCC, C.E, ROHS, EMC & BIS.





# CLIENTS

# LUMOS



GIORGIO ARMANI

DOLCE & GABBANA

JIMMY CHOO



HARVEY NICHOLS



**design centre**  
CHELSEA HARBOUR  
LONDON



**F FENDI**



Chloé

VALENTINO





# LUMOS

None of our displays are ever the same, so speak to our team of experts to discuss your LED display needs now.

