

# 27.5" GENESIS



**VERSATILITY. RELIABILITY. PERFORMANCE.**  
It's not just a display, it's a reflection  
of your creativity.

**SMD | FLIP CHIP SMD**  
**FLIP CHIP (High Brightness)**

**Genesis – taken from the word meaning “creation” or “beginning”.**

Amazing products allow for amazing immersive experiences.

Every component inside the Genesis has been meticulously designed to get the most out of an incredibly versatile and light enclosure. We chose powerful yet highly efficient driver ICs, and optimised the LEDs to use as little power as possible.

No fans are needed to cool the LED display, drawing on innovative technologies we efficiently reduce operating temperatures ensuring maximum energy efficiency.



\* GOB optional

**More choices. Endless possibilities.**

## **SMD Technology**

Up to  
**800 nits**  
peak brightness



**sRGB**  
colour gamut

**1080p & 4k**  
resolutions available



## **Flip Chip SMD**

Up to  
**1,000 nits**  
peak brightness for your  
HDR photos and videos



Up to  
**40%**  
energy saving



**DCI-P3**  
wide colour gamut



Up to  
**1.5x**  
brighter than  
standard SMD



## **Flip Chip SMD (high-bright)**

Up to  
**4,000 nits**  
peak brightness for your  
HDR photos and videos



Up to  
**40%**  
energy saving



**DCI-P3**  
wide colour gamut



Up to  
**4x**  
brighter than  
standard SMD



\* Pixel technologies is not interchangeable and must be selected upon specification. \* GOB available on all 3 pixel technologies.

**Superior colour accuracy.  
Superior performance.**



With up to 16.8 millions colours on show every image and video is recreated in vibrant true to life imagery. Improved scan rates reduce banding and vastly improve gradients for an exception viewing experience.



**16:9 aspect ratio**



**1080p & 4k UHD  
resolutions  
available**



**Up to 40%  
energy savings**



**Superior colour  
accuracy**



**GOB - glue on  
board optional**



**3840Hz  
refresh rate**

## Dimensions



# SPECIFICATIONS

## SMD

| PHYSICAL PARAMETERS                      |                                        |                                        |                                        |                                        |
|------------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|
| Pixel Pitch (mm)                         | 1.2                                    | 1.5                                    | 1.8                                    | 2.5                                    |
| Unit Size (W × H × D)                    | 610 × 343 × 58mm<br>24 × 13.5 × 2.28in | 610 × 343 × 58mm<br>24 × 13.5 × 2.28in | 610 × 343 × 58mm<br>24 × 13.5 × 2.28in | 610 × 343 × 58mm<br>24 × 13.5 × 2.28in |
| Unit Weight (kg / lbs)                   | 6.8 / 15                               | 6.8 / 15                               | 6.8 / 15                               | 6.8 / 15                               |
| OPTICAL PARAMETERS                       |                                        |                                        |                                        |                                        |
| Unit Resolution                          | 480 × 270                              | 384 × 216                              | 320 × 180                              | 240 × 135                              |
| Aspect Ratio                             | 16:9                                   | 16:9                                   | 16:9                                   | 16:9                                   |
| Brightness (nits = cd/m²)                | 800                                    | 800                                    | 800                                    | 800                                    |
| Contrast Ratio                           | 5,000:1                                | 5,000:1                                | 5,000:1                                | 5,000:1                                |
| Refresh Rate (Hz)                        | ≤3,840                                 | ≤3,840                                 | ≤3,840                                 | ≤3,840                                 |
| Frame Frequency (Hz)                     | 60 / 3D : 120                          | 60 / 3D : 120                          | 60 / 3D : 120                          | 60 / 3D : 120                          |
| Viewing Angle (°) (H/V)                  | 160 / 160                              | 160 / 160                              | 160 / 160                              | 160 / 160                              |
| Colour Temperature (K)                   | 2,500 ~ 10,000                         | 2,500 ~ 10,000                         | 2,500 ~ 10,000                         | 2,500 ~ 10,000                         |
| ELECTRICAL PARAMETERS                    |                                        |                                        |                                        |                                        |
| Power Consumption Max (W/m² / W/ft²)     | 750 / 70                               | 750 / 70                               | 650 / 60                               | 550 / 51                               |
| Power Consumption Typical (W/m² / W/ft²) | 250 / 23                               | 250 / 23                               | 260 / 24                               | 220 / 20                               |
| Working Voltage                          | AC: 100 V ~ 240 V, 50 ~ 60 Hz          | AC: 100 V ~ 240 V, 50 ~ 60 Hz          | AC: 100 V ~ 240 V, 50 ~ 60 Hz          | AC: 100 V ~ 240 V, 50 ~ 60 Hz          |
| ADDITIONAL FEATURES                      |                                        |                                        |                                        |                                        |
| Lifetime (Hours)                         | 100,000                                | 100,000                                | 100,000                                | 100,000                                |
| Operating Temp (°C / °F)                 | -10 ~ +60 / +14 ~ +140                 | -10 ~ +60 / +14 ~ +140                 | -10 ~ +60 / +14 ~ +140                 | -10 ~ +60 / +14 ~ +140                 |
| Humidity Range (%)                       | 10 ~ 90                                | 10 ~ 90                                | 10 ~ 90                                | 10 ~ 90                                |

## FLIP CHIP SMD

| PHYSICAL PARAMETERS                      |                                        |                                        |
|------------------------------------------|----------------------------------------|----------------------------------------|
| Pixel Pitch (mm)                         | 1.2                                    | 1.5                                    |
| Unit Size (W × H × D)                    | 610 × 343 × 58mm<br>24 × 13.5 × 2.28in | 610 × 343 × 58mm<br>24 × 13.5 × 2.28in |
| Unit Weight (kg / lbs)                   | 6.8 / 15                               | 6.8 / 15                               |
| OPTICAL PARAMETERS                       |                                        |                                        |
| Unit Resolution                          | 480 × 270                              | 384 × 216                              |
| Aspect Ratio                             | 16:9                                   | 16:9                                   |
| Brightness (nits = cd/m²)                | ≤1,000                                 | ≤1,000                                 |
| Contrast Ratio                           | 5,000:1                                | 5,000:1                                |
| Refresh Rate (Hz)                        | ≤3,840                                 | ≤3,840                                 |
| Frame Frequency (Hz)                     | 60 / 3D : 120                          | 60 / 3D : 120                          |
| Viewing Angle (°) (H/V)                  | 160 / 160                              | 160 / 160                              |
| Colour Temperature (K)                   | 2,500 ~ 10,000                         | 2,500 ~ 10,000                         |
| ELECTRICAL PARAMETERS                    |                                        |                                        |
| Power Consumption Max (W/m² / W/ft²)     | 780 / 72                               | 780 / 72                               |
| Power Consumption Typical (W/m² / W/ft²) | 320 / 30                               | 320 / 30                               |
| Working Voltage                          | AC: 100 V ~ 240V,<br>50 ~ 60 Hz        | AC: 100 V~240V,<br>50 ~ 60 Hz          |
| ADDITIONAL FEATURES                      |                                        |                                        |
| Lifetime (Hours)                         | 100,000                                | 100,000                                |
| Operating Temp (°C / °F)                 | -10 ~ +60 / +14 ~ +140                 | -10 ~ +60 / +14 ~ +140                 |
| Humidity Range (%)                       | 10 ~ 90                                | 10 ~ 90                                |

## FLIP-CHIP SMD (High Brightness)

| PHYSICAL PARAMETERS                      |                                        |                                        |
|------------------------------------------|----------------------------------------|----------------------------------------|
| Pixel Pitch (mm)                         | 1.2                                    | 1.5                                    |
| Unit Size (W × H × D)                    | 610 × 343 × 58mm<br>24 × 13.5 × 2.28in | 610 × 343 × 58mm<br>24 × 13.5 × 2.28in |
| Unit Weight (kg / lbs)                   | 6.8 / 15                               | 6.8 / 15                               |
| OPTICAL PARAMETERS                       |                                        |                                        |
| Unit Resolution                          | 480 × 270                              | 384 × 216                              |
| Aspect Ratio                             | 16:9                                   | 16:9                                   |
| Brightness (nits = cd/m²)                | ≤4,000                                 | ≤4,000                                 |
| Contrast Ratio                           | 5,000:1                                | 5,000:1                                |
| Refresh Rate (Hz)                        | ≤3,840                                 | ≤3,840                                 |
| Frame Frequency (Hz)                     | 60 / 3D : 120                          | 60 / 3D : 120                          |
| Viewing Angle (°) (H/V)                  | 160 / 160                              | 160 / 160                              |
| Color Temperature (K)                    | 2,500 ~ 10,000                         | 2,500 ~ 10,000                         |
| ELECTRICAL PARAMETERS                    |                                        |                                        |
| Power Consumption Max (W/m² / W/ft²)     | 800 / 74                               | 800 / 74                               |
| Power Consumption Typical (W/m² / W/ft²) | 320 / 30                               | 320 / 30                               |
| Working Voltage                          | AC: 100 V ~ 240 V,<br>50 ~ 60 Hz       | AC: 100 V ~ 240 V,<br>50 ~ 60 Hz       |
| ADDITIONAL FEATURES                      |                                        |                                        |
| Lifetime (Hours)                         | 100,000                                | 100,000                                |
| Operating Temp (°C / °F)                 | -10 ~ +60 / +14 ~ +140                 | -10 ~ +60 / +14 ~ +140                 |
| Humidity Range (%)                       | 10 ~ 90                                | 10 ~ 90                                |

\* All data contained is subject to change.





Please contact us if you have any questions,  
we're always happy to help

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