

CREATE WITH  
NO LIMITS

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**Taylorleds**

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**WAFER NEXUS**

FLIP-CHIP  
MICRO LED DISPLAY

# WAFER NEXUS

Stark Contrast, Sleek Design



## Taylorleds

*Create with No Limits*

Taylorleds is an innovative, integrity minded joint-venture focused on providing State of the Art LED products. Absen owns 80% of Taylorleds and manufactures most of Taylorleds LED Display products while Design, R&D and QC are handled by Taylorleds. Absen is a public-listed Chinese LED Display manufacturer.

Taylorleds is delighted to introduce our latest and most advanced line of LED systems. With decades of experience in OEM manufacturing and unparalleled expertise in internal design and engineering, our team of technicians has meticulously crafted every aspect of the design. This unique Micro LED design puts a pristine focus on mechanical design, visual graphic electronics, installation, reliability, service and support, while providing multiple resolutions. Our LED processing systems are precisely tailored to accommodate any budget, providing a comprehensive solution for a wide range of requirements and applications.

# Black

The extraordinary contrast breathes life into your content



Intense black immersion



Perfect color consistency



Better flatness



Non glaring no reflection

# HDR&DCI-P3

Incorporating HDR and covering more than 95% of DCI-P3 gamut

## 600nits

Max. Brightness

## 1.07

Billion colors

## 22bit\*

Smooth grayscale transitions

## 15000:1

Stunning contrast

## 3840Hz

Perfect in-camera performance



### ADVANTAGES OF WN

Common cathode design

Dynamic Energy Management

Black screen standby mode

# Energy saver

The common cathode technology can save power consumption by 40%



Sturdy and easy to install

# Durable

No need to worry about damaging corner leds during install



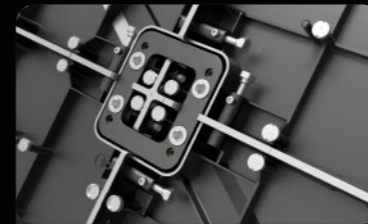
Stacking



Hanging



Wall-mounting



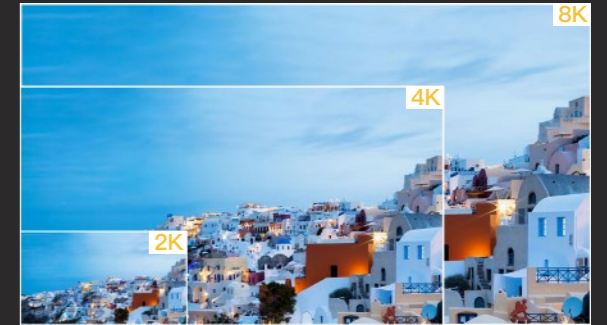
## Inter-panel connectors

Easy to adjust the flatness of the panels during installation

2K 4K 8K

Easy configuration to adapt to different scenes

Creating an immersive sensory experience



## 16:9

16:9 aspect ratio

## 4.3kg

Weight

## <40mm

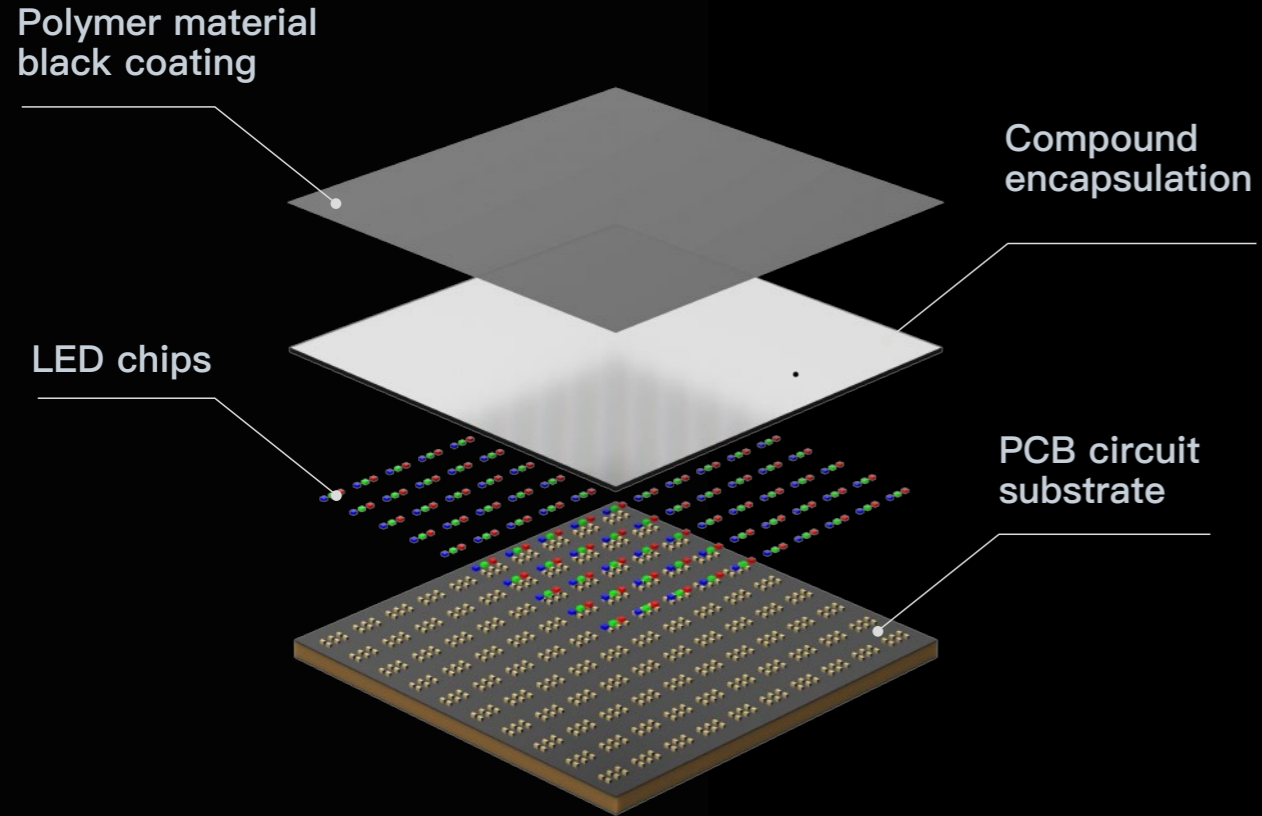
Thickness

# Easy on the Eye

## IPX4

The protection level of the front panel reaches IPX4

# CORE PACKAGING TECHNOLOGY



↑ × 3

3 times more contrast

↑ × 4

4 times stronger surface

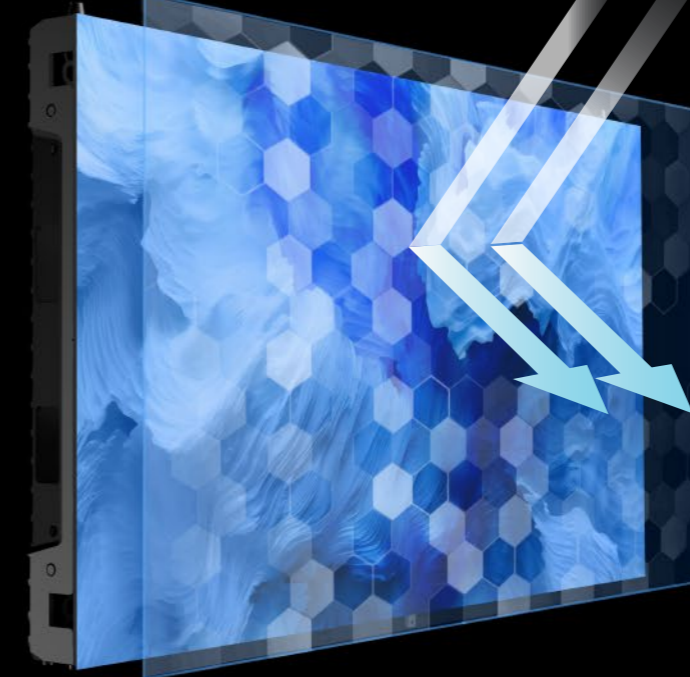
↓ 50%

½ failure rate

↓ 40%

40% less energy consumption

# SUPER PROTECTIVE SURFACE



Dust-resistant



Anti-collision



Anti-oxidation



Moisture-resistant



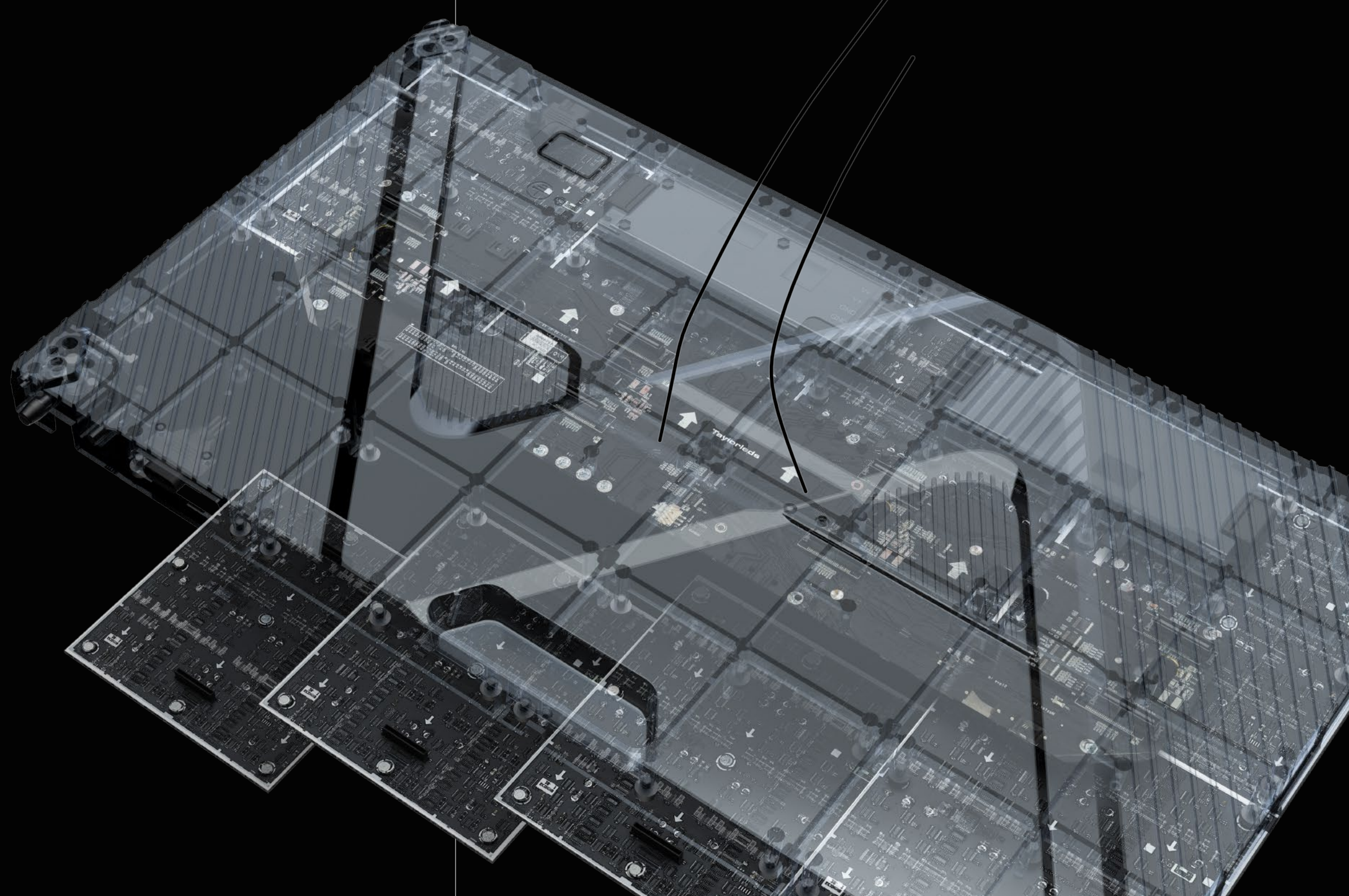
Anti-static



Anti-finger marks

# POWERFUL CORE

Where Core Brilliance Meets  
Unmatched Power.



# PARAMETERS

Model	WN0.9	WN1.2	WN1.5	WN1.8
<b>PHYSICAL PARAMETERS</b>				
LED Type	Flip chip RGB	Flip chip RGB	Flip chip RGB	Flip-chip RGB
Pixel Pitch (mm)	0.93	1.25	1.56	1.87
Panel Dimensions (WxHxD)/(mm)	600×337.5×39.3	600×337.5×39.3	600×337.5×39.3	600×337.5×39.3
Total pixel Per Panel	640×360	480×270	384 × 216	320×180
Panel Weight (kg)	4.3	4.3	4.3	4.3
Panel Material	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum
Module Dimensions (W*H)/(mm)	150x168.75	150x168.75	150x168.75	150x168.75
<b>OPTICAL PARAMETERS</b>				
Brightness (nit)	600	600	600	600
Refresh Rate (Hz)	3840	3840	3840	3840
Gray scale (bit)	13	14	13	13
Contrast Ratio	15000:1	15000:1	15000:1	15000:1
Color Temperature (K)	6500	6500	6500	6500
Viewing Angle (H/V) (°)	160/160	160/160	160/160	160/160
Driving Type	1/54	1/60	1/54	1/40
AC Operating Voltage (V)	100~240	100~240	100~240	100~240
Power Consumption (Max./Avg.)(W/m <sup>2</sup> )	330/110	301/100	336/112	285/95
<b>OTHER PARAMETER</b>				
Operating Temperature (°C)	-10~+40	-10~+40	-10~+40	-10~+40
Operating Humidity (RH)	10%~80%	10%~80%	10%~80%	10%~80%
IP Rating (Front/Rear)	IP40/IP21	IP40/IP21	IP40/IP21	IP40/IP21
Certification	TUV-CE/RoHS/ETL/FCC			

