

An abstract graphic featuring a dark, rounded shape on the right side, filled with diagonal lines, representing a wafer. A thin, dark line extends from the left side of the wafer, ending in a small, dark, triangular shape, representing a probe or a chip. The background is dark gray with horizontal bands of varying shades.

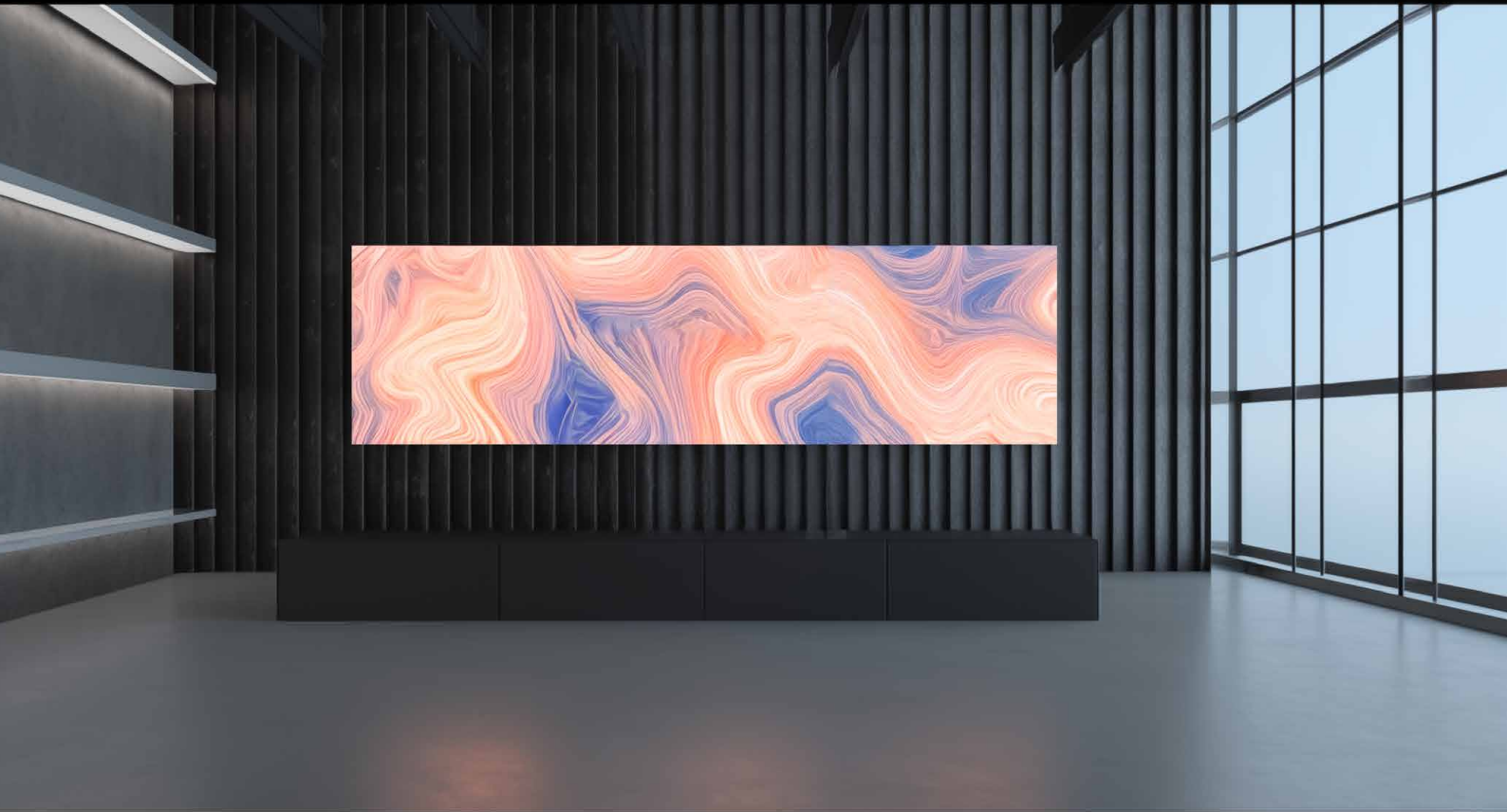
Taylorleds

WAFER NEXUS

FLIP-CHIP
COB LED DISPLAY

WAFER NEXUS

Stark contrast, sleek design



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

Common cathode design

Dynamic energy management



800 nits

Max.brightness

1.07

Billion colors

22 bit*

Smooth grayscale transitions

15,000:1

Stunning contrast

3,840 Hz

Perfect in-camera performance

Black screen standby mode

ADVANTAGES OF WN

Energy saver

The common cathode technology can save power consumption by 40%



Sturdy and easy to
install

Durable

Less likely to damage 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

4.3 kg

Weight

< 40 mm

Thickness

Easy on the Eye

IPX4

The protection level of the front panel reaches IPX4

CORE PACKAGING TECHNOLOGY

Polymer material
black coating

Compound
encapsulation

LED chips

PCB circuit
substrate

↑×3

3 times more contrast

↑×4

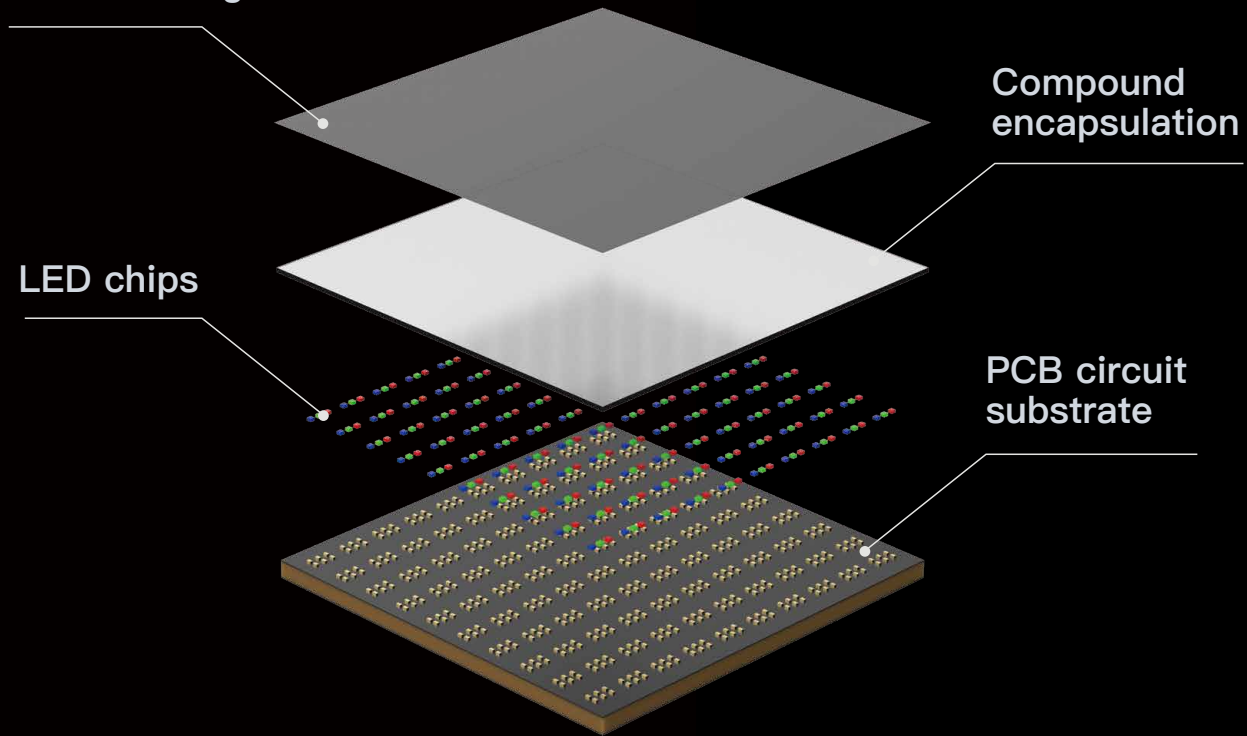
4 times stronger surface

↓50%

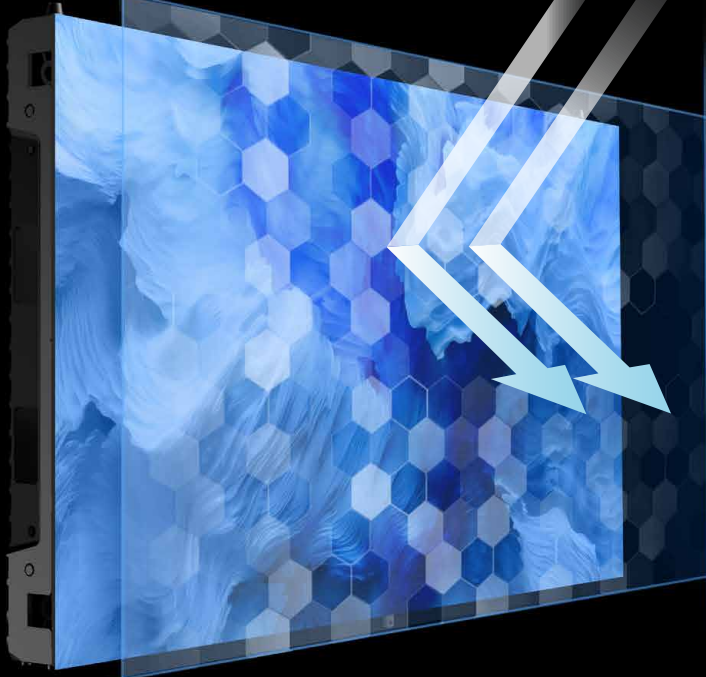
½ failure rate

↓40%

40% less energy consumption



SUPER PROTECTIVE SURFACE



Dust-resistant



Anti-collision



Anti-oxidation



Moisture-resistant



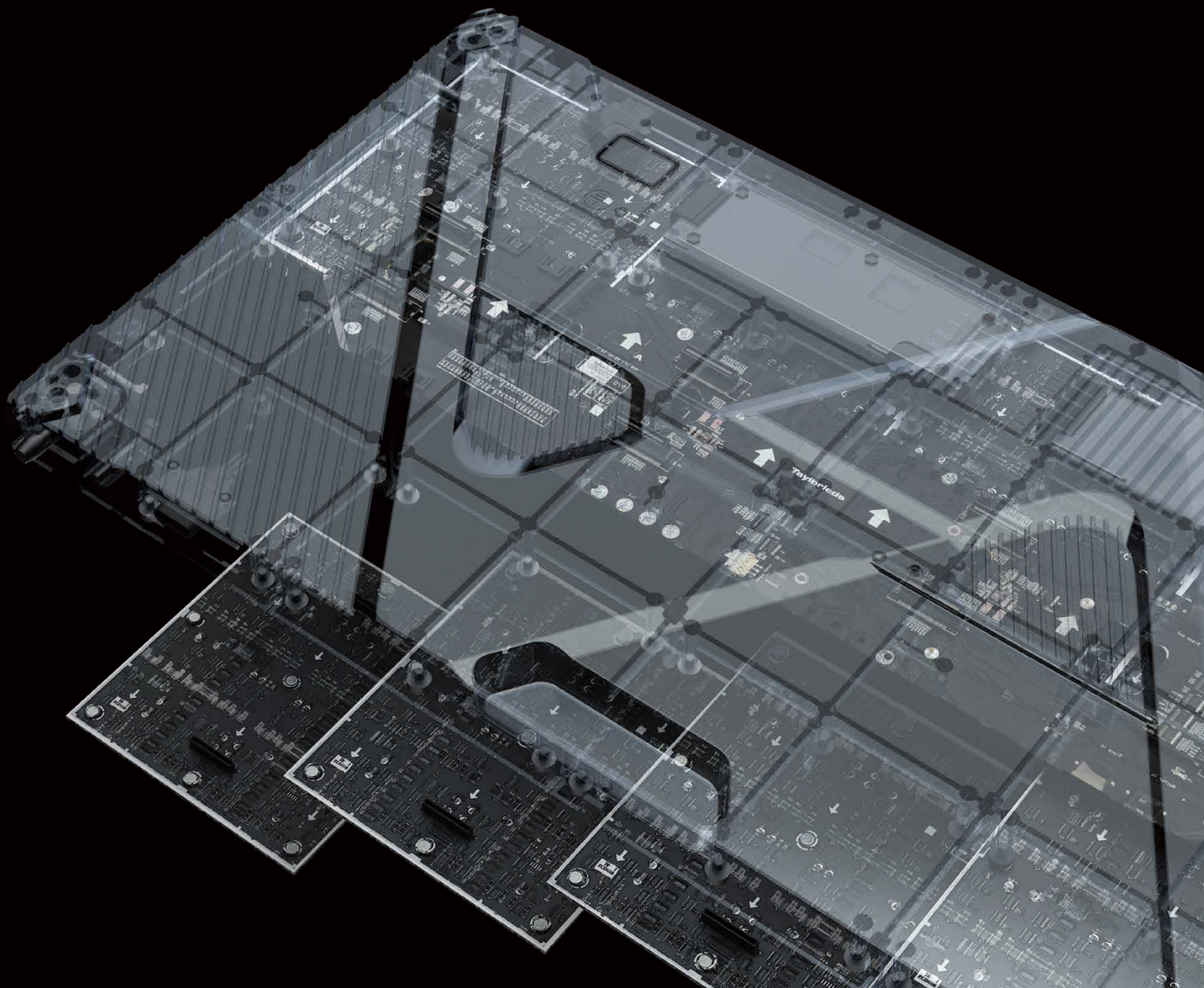
Anti-static



Anti-finger marks

POWERFUL CORE

Where core brilliance meets
unmatched power

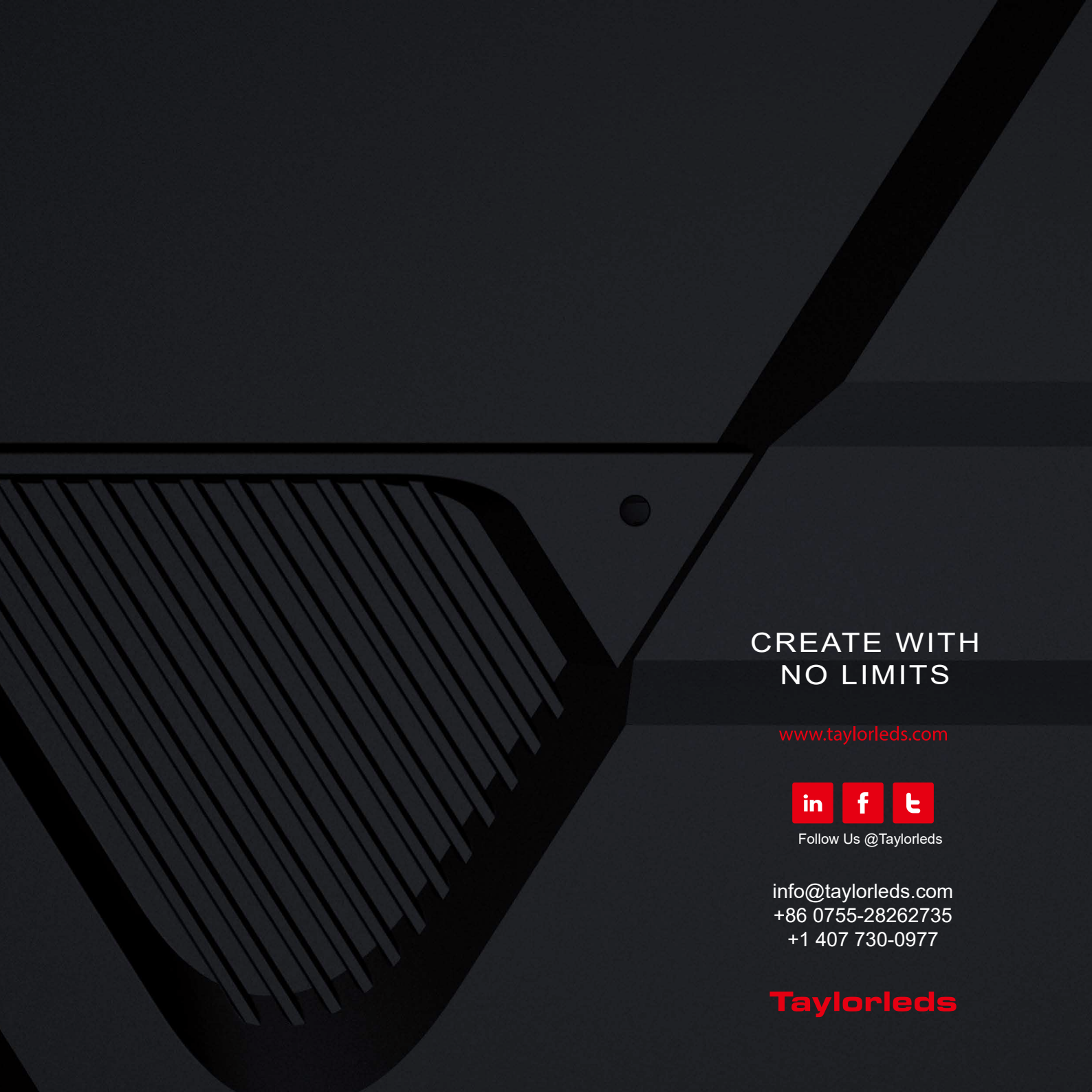


PARAMETERS

Model	WN0.7	WN0.9	WN1.2	WN1.5	WN1.8
PHYSICAL PARAMETERS					
LED Type	Flip chip RGB	Flip chip RGB	Flip chip RGB	Flip chip RGB	Flip-chip RGB
Pixel Pitch (mm)	0.78	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	600×337.5×39.3
Total pixel Per Panel	768x432	640x360	480x270	384 × 216	320×180
Panel Weight (kg)	4.5	4.3	4.3	4.3	4.3
Panel Material	Die Casting Aluminum	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	150x168.75
OPTICAL PARAMETERS					
Brightness (nit)	800	800	800	800	600
Refresh Rate (Hz)	3840	3840	3840	3840	3840
Gray scale (bit)	14	13	14	13	13
Contrast Ratio	15000:1	15000:1	15000:1	15000:1	15000:1
Color Temperature (K)	6500	6500	6500	6500	6500
Viewing Angle (H/V) (°)	160/160	160/160	160/160	160/160	160/160
Driving Type	1/64	1/54	1/60	1/54	1/40
AC Operating Voltage (V)	100~240	100~240	100~240	100~240	100~240
Power Consumption (Max./Avg.)(W/m²)	437/146	330/110	301/100	336/112	285/95
OTHER PARAMETER					
Operating Temperature (℃)	-10~+40	-10~+40	-10~+40	-10~+40	-10~+40
Operating Humidity (RH)	10%~80%	10%~80%	10%~80%	10%~80%	10%~80%
IP Rating (Front/Rear)	IP40/IP21	IP40/IP21	IP40/IP21	IP40/IP21	IP40/IP21
Certification	TUV-CE/RoHS/ETL/FCC				



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NO LIMITS

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