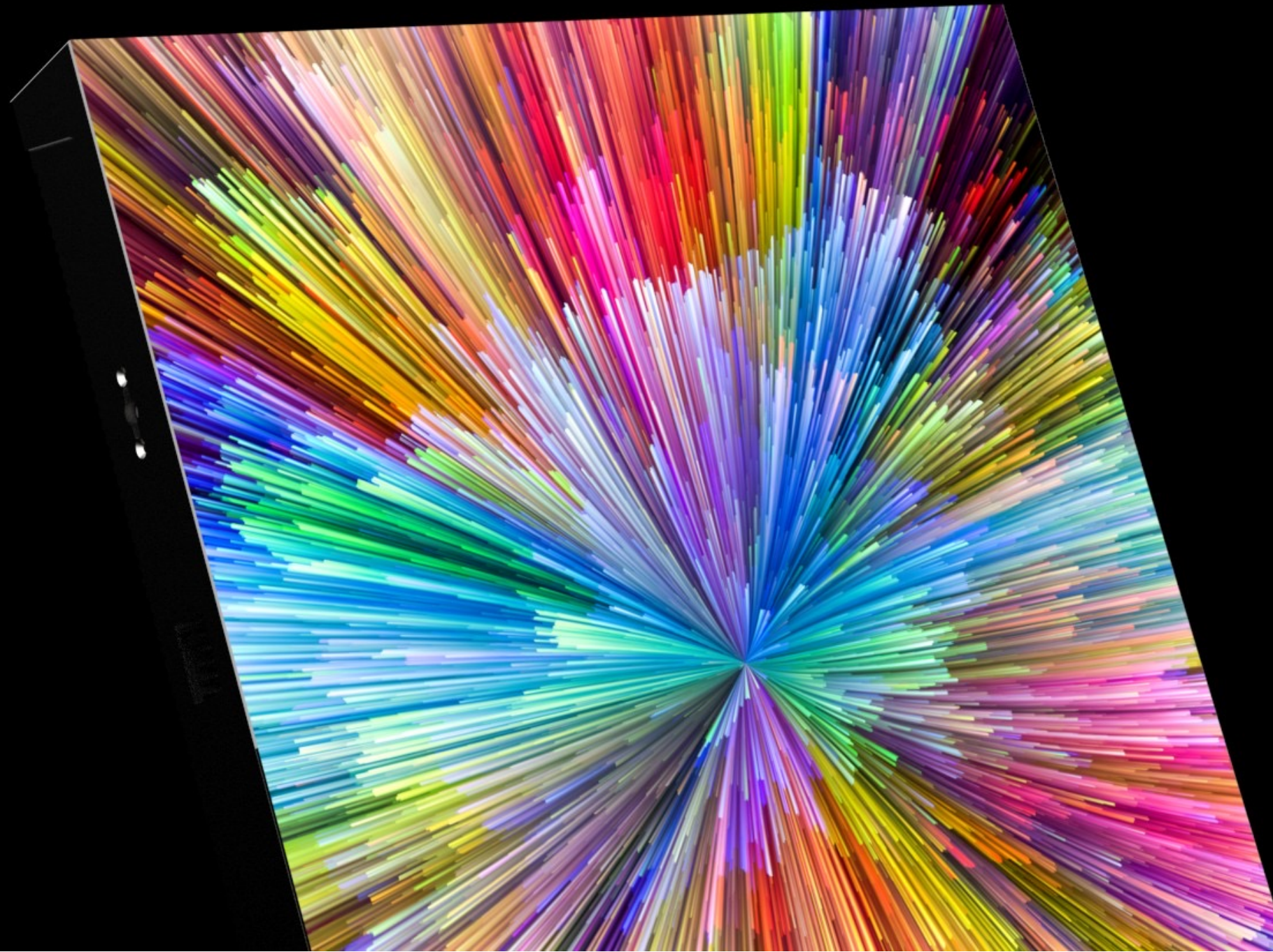


28.5" Vision

VCD



This is 28.5" Vision.





The **colour** is brighter than ever.

The new Vision is re-engineered with the latest LED technologies (Flip Chip - Common Cathode) in concert with advanced thermal management and power/signal redundancy. And it all comes to life on the brightest and most colourful LED display VOD has ever seen. So you get an even more immersive experience — and a scintillating new way to take it all in.

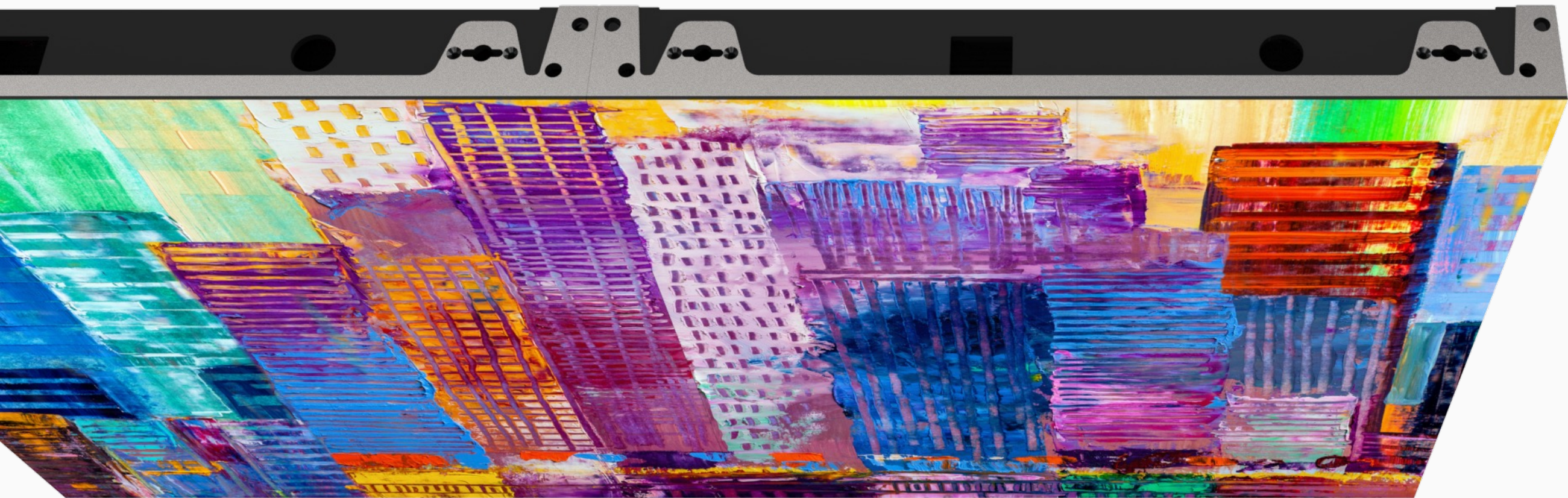


More muscle in every millimetre.

Now equipped with fourth-generation receiver cards, Vision is more vibrant and greener than ever. From daily tasks like video conferencing and presentations to large scale interactive AI visualisations, you can breeze through any tasks in stunningly beautiful details.



**A lot can happen in
58 millimetres.**



Unique design. Advanced engineering.

VOD has always pushed the limits of form and function. The new Vision includes the most radical engineering design filled with advanced LED technologies that take power and performance to a whole new level. Yet it's still just 58mm thin at this edge.

Display panel

58mm

thin

Aspect ratio

8:9

edge to edge



28.5" Vision

Re-engineered in no small way.



Up to

1.8 x

grayscale levels

Up to

6,000 nits

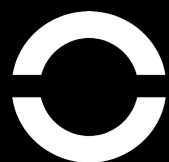
brightness*

Up to

3,840 Hz

refresh rate

*Available only in Flip-Chip SMD version only.



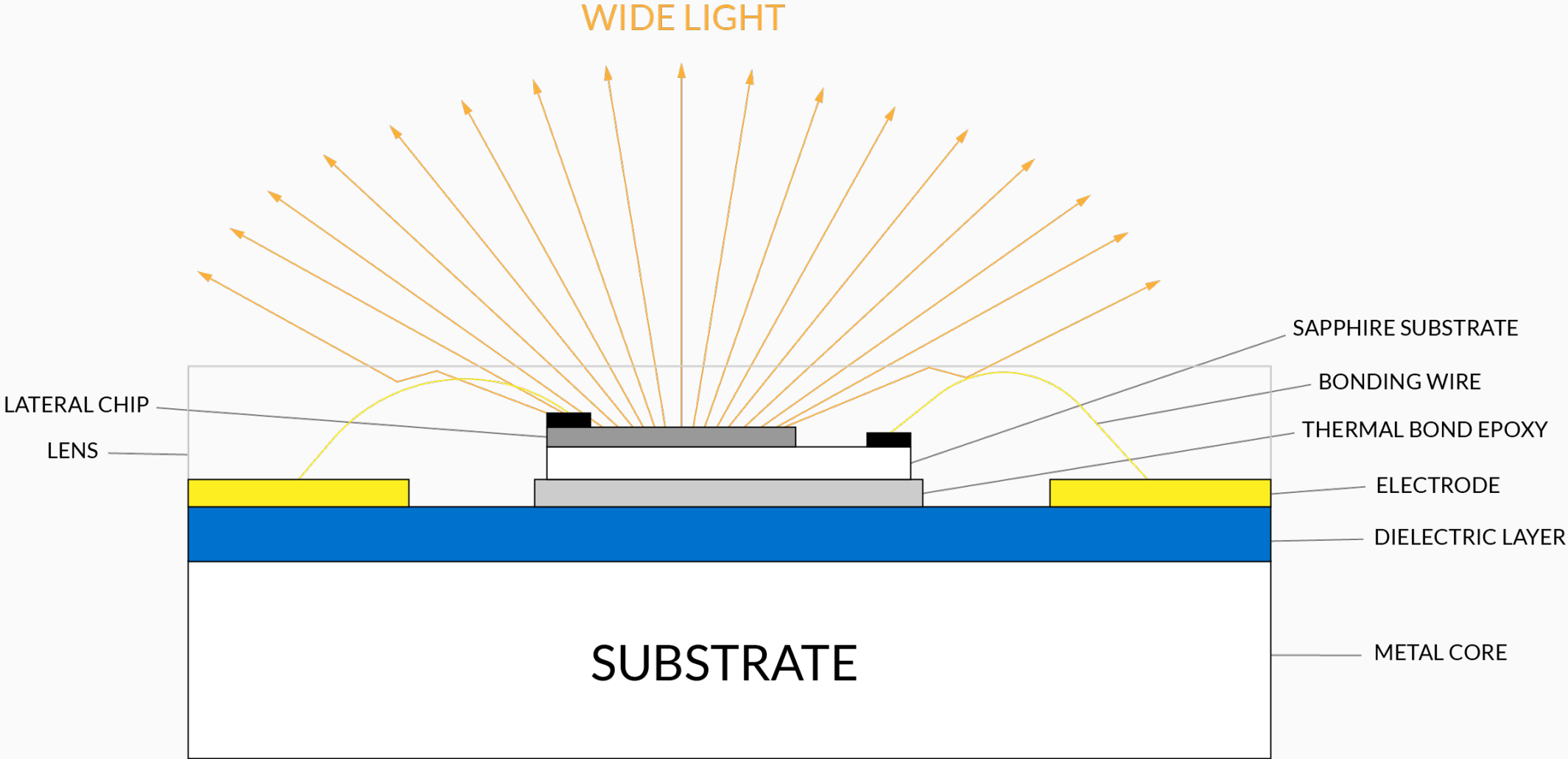
Customise your Vision LED display

Surface Mounted Devices
(SMD)

[SMD Glue-On-Board](#)
(SMD GOB)

[Flip Chip](#)
(Common Cathode)

[Flip Chip Glue-On-Board](#)
(Flip Chip GOB)



Schematic diagram of SMD



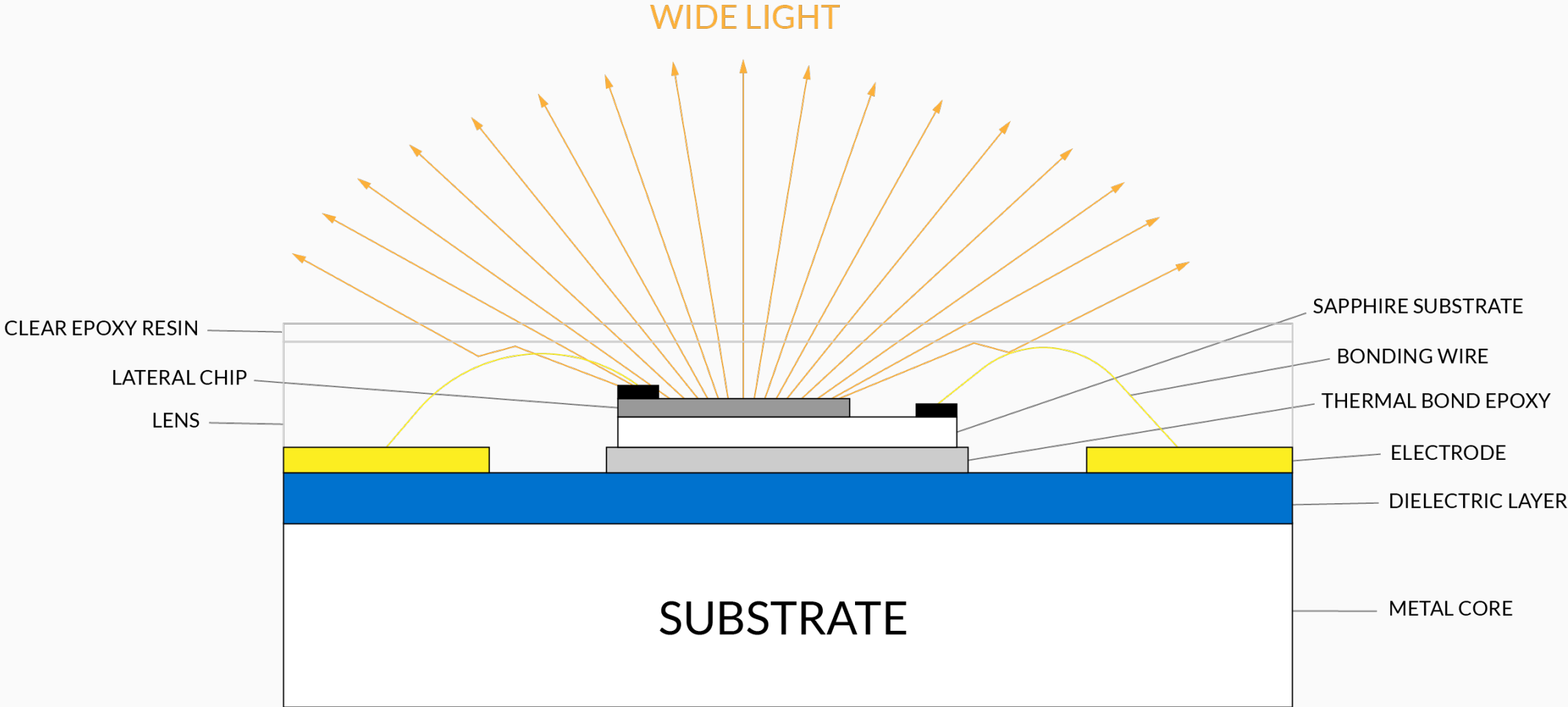
Customise your Vision LED display

[Surface-Mounted Devices \(SMD\)](#)

[SMD Glue-On-Board \(SMD GOB\)](#)

[Flip Chip \(Common Cathode\)](#)

[Flip Chip Glue-On-Board \(Flip Chip GOB\)](#)



Schematic diagram of SMD GOB



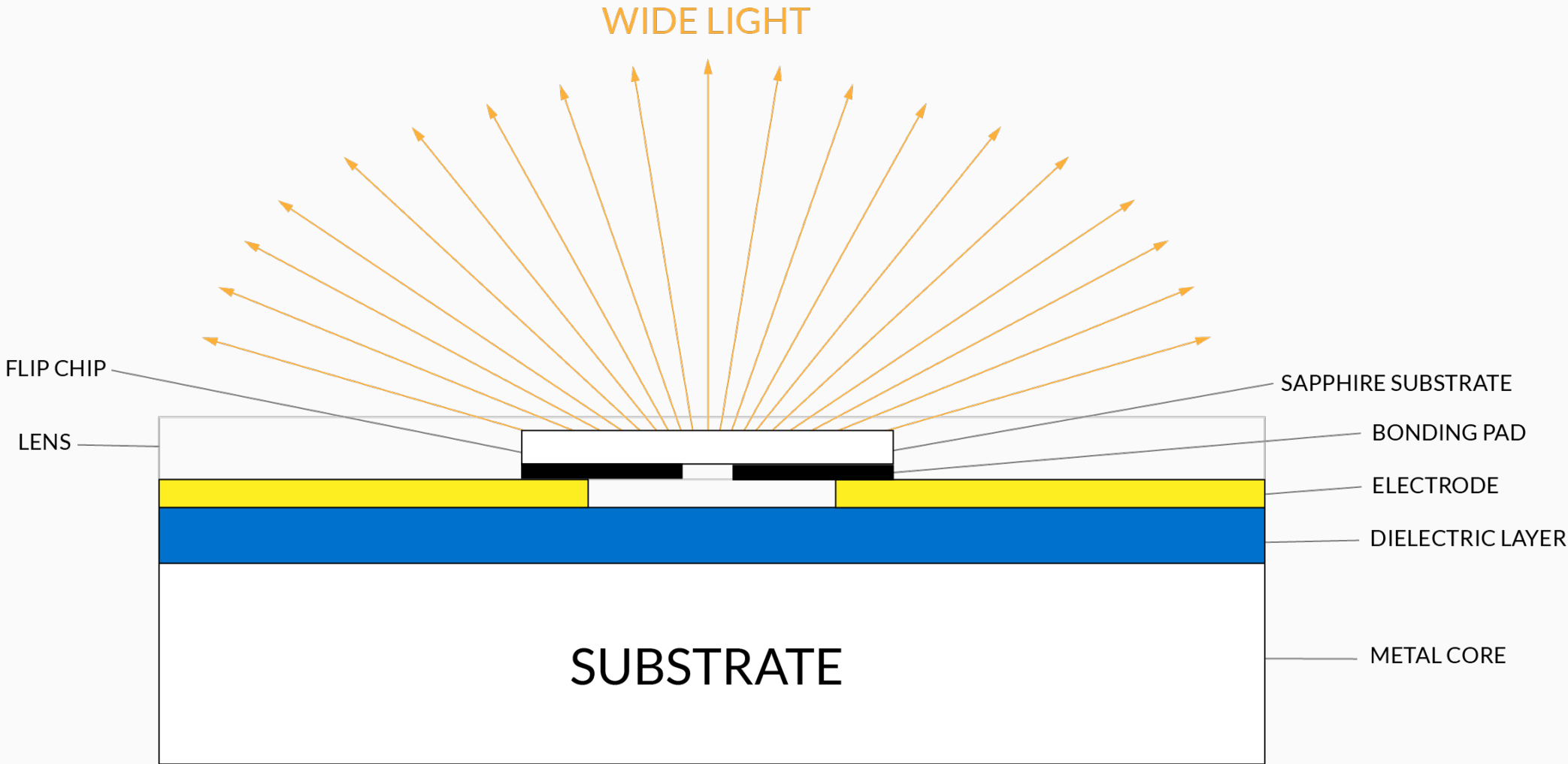
Customise your Vision LED display

[Surface-Mounted Devices \(SMD\)](#)

[SMD Glue-On-Board \(SMD GOB\)](#)

[Flip Chip \(Common Cathode\)](#)

[Flip Chip Glue-On-Board \(Flip Chip GOB\)](#)



Schematic diagram of Flip Chip



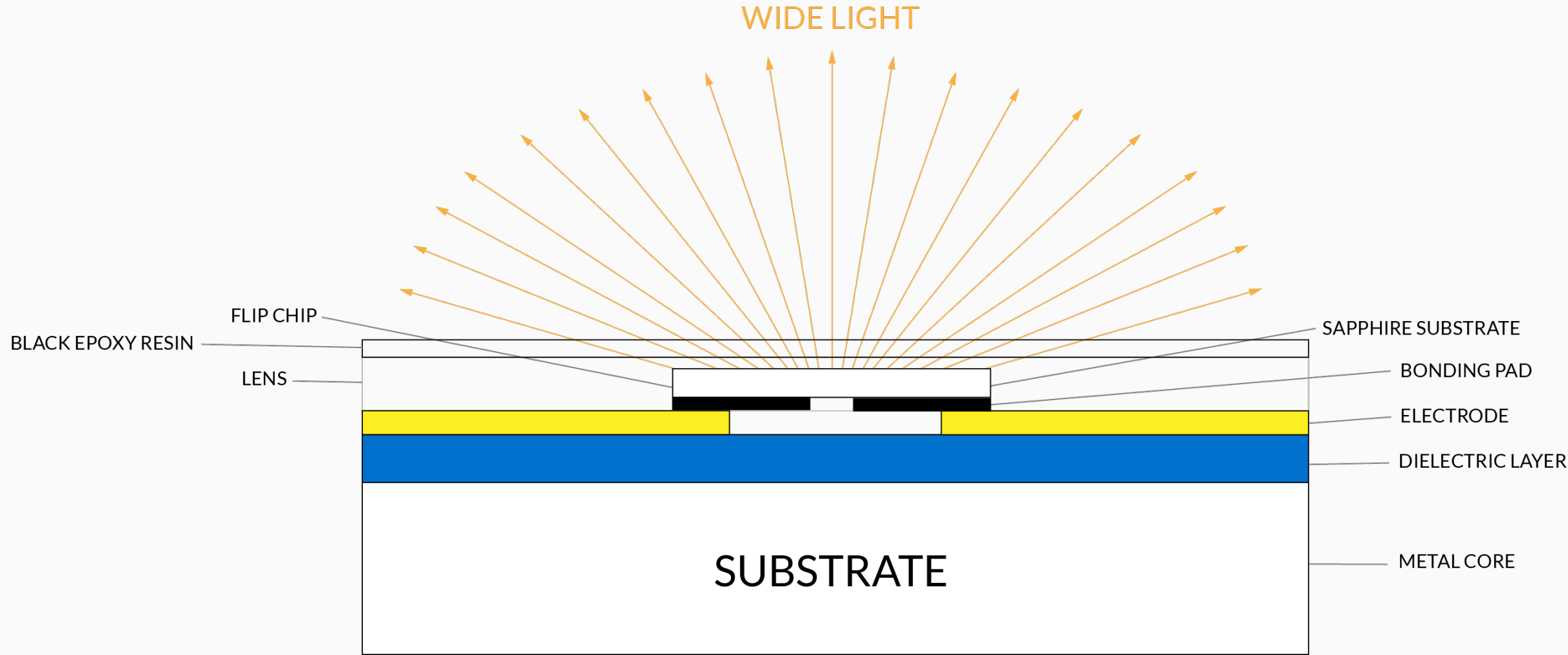
Customise your Vision LED display

[Surface-Mounted Devices \(SMD\)](#)

[SMD Glue-On-Board \(SMD GOB\)](#)

[Flip Chip \(Common Cathode\)](#)

[Flip Chip Glue-On-Board \(Flip Chip GOB\)](#)



Schematic diagram of Flip Chip GOB



Compare Vision LED Technologies

	Surface Mounted Devices (SMD)	SMD Glue-On-Board (SMD GOB)	Flip Chip (Common Cathode)	Flip Chip Glue-On-Board (Flip Chip GOB)
Operational Parameters				
Running cost	Standard	Standard	Super efficient*	Super efficient*
Heat transfer	Standard	Standard	High*	High*
Power rating	Standard	Standard	Eco*	Eco*
Optical Parameters				
Optimum Brightness	600 nits	500 nits	1,200 nits	1,000 nits
Contrast ratio	Standard	Standard	Very High	Very High
Viewing angles	Standard	Wide	Ultra Wide	Super Ultra Wide
Colour temperature	Standard	Soft White	Standard	Pure Black
Physical Parameters				
Surface temperature	Standard	Slightly Warm	Cool*	Cool*
Impact protection	Moderate	High	Moderate	High
Reflections	Non-Glossy	Low Gloss	Non-Glossy	Matte
Manufacturing Parameters				
Lead time	Express	Fast	Express	Fast

* When compared to the same optimum brightness as SMD/SMD GOB.



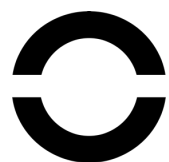
SPECIFICATIONS

28.5 Vision (SMD)							
Physical Parameters	Pixel Pitch (mm)	1.2	1.5	1.8	2.0	2.5	
	Unit Size (mm) (W x H x D)	480 x 540 x 58	480 x 540 x 58	480 x 540 x 58	480 x 540 x 58	480 x 540 x 58	
	Unit Weight (kg)	8.5	8.5	8.5	8.5	8.5	
Optical Parameters	Unit Resolution	384 x 432	320 x 360	256 x 288	240 x 270	192 x 216	
	Aspect Ratio	8:9	8:9	8:9	8:9	8:9	
	Brightness (nits = cd/m ²)	1,000	1,000	1,000	1,000	1,000	
	Contrast Ratio	6,000:1	6,000:1	6,000:1	6,000:1	6,000:1	
	Refresh Rate (Hz)	≤3,840	≤3,840	≤3,840	≤3,840	≤3,840	
	Frame Frequency (Hz)	60/3D:120	60/3D:120	60/3D:120	60/3D:120	60/3D:120	
	Viewing Angle (°) (H/V)	165/165	165/165	165/165	165/165	165/165	
	Color Temperature (K)	2,500 ~ 10,000	2,500 ~ 10,000	2,500 ~ 10,000	2,500 ~ 10,000	2,500 ~ 10,000	
	Electrical Parameters	Power Consumption Max (W/m ²)	530	510	505	485	475
		Power Consumption Typical (W/m ²)	230	195	190	175	165
Working Voltage		AC: 100 V~240V, 50~60 Hz	AC: 100 V~240V, 50~60 Hz	AC: 100 V~240V, 50~60 Hz	AC: 100 V~240V, 50~60 Hz	AC: 100 V~240V, 50~60 Hz	
Additional Features	Lifetime (Hours)	100,000	100,000	100,000	100,000	100,000	
	IP Level	IP40	IP40	IP40	IP40	IP40	
	Operating Temp (°C)	-10 ~ +60	-10 ~ +60	-10 ~ +60	-10 ~ +60	-10 ~ +60	
	Humidity Range (%)	10 ~ 90	10 ~ 90	10 ~ 90	10 ~ 90	10 ~ 90	



SPECIFICATIONS

28.5 Vision (GOB)							
Physical Parameters	Pixel Pitch (mm)	1.2	1.5	1.8	2.0	2.5	
	Unit Size (mm) (W x H x D)	480 x 540 x 58	480 x 540 x 58	480 x 540 x 58	480 x 540 x 58	480 x 540 x 58	
	Unit Weight (kg)	8.5	8.5	8.5	8.5	8.5	
Optical Parameters	Unit Resolution	384 x 432	320 x 360	256 x 288	240 x 270	192 x 216	
	Aspect Ratio	8:9	8:9	8:9	8:9	8:9	
	Brightness (nits = cd/m ²)	1,000	1,000	1,000	1,000	1,000	
	Contrast Ratio	5,000:1	5,000:1	5,000:1	5,000:1	5,000:1	
	Refresh Rate (Hz)	≤3,840	≤3,840	≤3,840	≤3,840	≤3,840	
	Frame Frequency (Hz)	60/3D:120	60/3D:120	60/3D:120	60/3D:120	60/3D:120	
	Viewing Angle (°) (H/V)	165/165	165/165	165/165	165/165	165/165	
	Color Temperature (K)	2,500 ~ 10,000	2,500 ~ 10,000	2,500 ~ 10,000	2,500 ~ 10,000	2,500 ~ 10,000	
	Electrical Parameters	Power Consumption Max (W/m ²)	530	510	505	485	475
		Power Consumption Typical (W/m ²)	230	195	190	175	165
Working Voltage		AC: 100 V~240V, 50~60 Hz	AC: 100 V~240V, 50~60 Hz	AC: 100 V~240V, 50~60 Hz	AC: 100 V~240V, 50~60 Hz	AC: 100 V~240V, 50~60 Hz	
Additional Features	Lifetime (Hours)	100,000	100,000	100,000	100,000	100,000	
	IP Level	IP52	IP52	IP52	IP52	IP52	
	Operating Temp (°C)	-10 ~ +60	-10 ~ +60	-10 ~ +60	-10 ~ +60	-10 ~ +60	
	Humidity Range (%)	10 ~ 90	10 ~ 90	10 ~ 90	10 ~ 90	10 ~ 90	



SPECIFICATIONS

28.5 Vision (Flip Chip)			
Physical Parameters	Pixel Pitch (mm)	1.2	1.5
	Unit Size (mm) (W x H x D)	480 x 540 x 58	480 x 540 x 58
	Unit Weight (kg)	8.5	8.5
Optical Parameters	Unit Resolution	384 x 432	320 x 360
	Aspect Ratio	8 : 9	8 : 9
	Brightness (nits = cd/m ²)	1,000	1,000
	Contrast Ratio	10,000 : 1	10,000 : 1
	Refresh Rate (Hz)	≤3,840	≤3,840
	Frame Frequency (Hz)	60 / 3D : 120	60 / 3D : 120
	Viewing Angle (°) (H/V)	165 / 165	165 / 165
	Color Temperature (K)	2,500 ~ 10,000	2,500 ~ 10,000
Electrical Parameters	Power Consumption Max (W/m ²)	375	360
	Power Consumption Typical (W/m ²)	162	140
	Working Voltage	AC: 100 V~240V, 50~60 Hz	AC: 100 V~240V, 50~60 Hz
Additional Features	Lifetime (Hours)	100,000	100,000
	IP Level	IP40	IP40
	Operating Temp (°C)	-10 ~ +60	-10 ~ +60
	Humidity Range (%)	10 ~ 90	10 ~ 90



SPECIFICATIONS

28.5 Vision (Flip Chip GOB)			
Physical Parameters	Pixel Pitch (mm)	1.2	1.5
	Unit Size (mm) (W x H x D)	480 x 540 x 58	480 x 540 x 58
	Unit Weight (kg)	8.5	8.5
Optical Parameters	Unit Resolution	384 x 432	320 x 360
	Aspect Ratio	8 : 9	8 : 9
	Brightness (nits = cd/m ²)	1,000	1,000
	Contrast Ratio	10,000 : 1	10,000 : 1
	Refresh Rate (Hz)	≤3,840	≤3,840
	Frame Frequency (Hz)	60 / 3D : 120	60 / 3D : 120
	Viewing Angle (°) (H/V)	170 / 170	170 / 170
	Color Temperature (K)	2,500 ~ 10,000	2,500 ~ 10,000
Electrical Parameters	Power Consumption Max (W/m ²)	375	360
	Power Consumption Typical (W/m ²)	162	140
	Working Voltage	AC: 100 V~240V, 50~60 Hz	AC: 100 V~240V, 50~60 Hz
Additional Features	Lifetime (Hours)	100,000	100,000
	IP Level	IP52	IP52
	Operating Temp (°C)	-10 ~ +60	-10 ~ +60
	Humidity Range (%)	10 ~ 90	10 ~ 90





VOD

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

www.vodvisual.com

China Head Office

5D-701 Software
Industry Base, Haitian
2nd Road, Nanshan
District, Shenzhen,
Guangdong
cn@vodvisual.com
Tel: +86 755 2267 7271

UK Office

Unit 3 Clearwater Business
Park Frankland Road
Swindon, SN5 8YZ
United Kingdom
Tel: +44 (0) 20 3852 9500

UK Showroom

The Pavilion
Merchant Square
London, W2 1JZ
United Kingdom

USA Office

22 Boston Wharf
Road, 7th Floor,
Boston, MA 02210
United States

Tel: +1 (833) 533-7836

USA Showroom

123 Heiman Street,
Suite 200, San
Antonio, Texas
78205
United States

Tel: +1 (833) 533-7836

