Display Application

All aspects application

Display

TV

Commercial

IT

Why OLED

LCD

Back light Unit

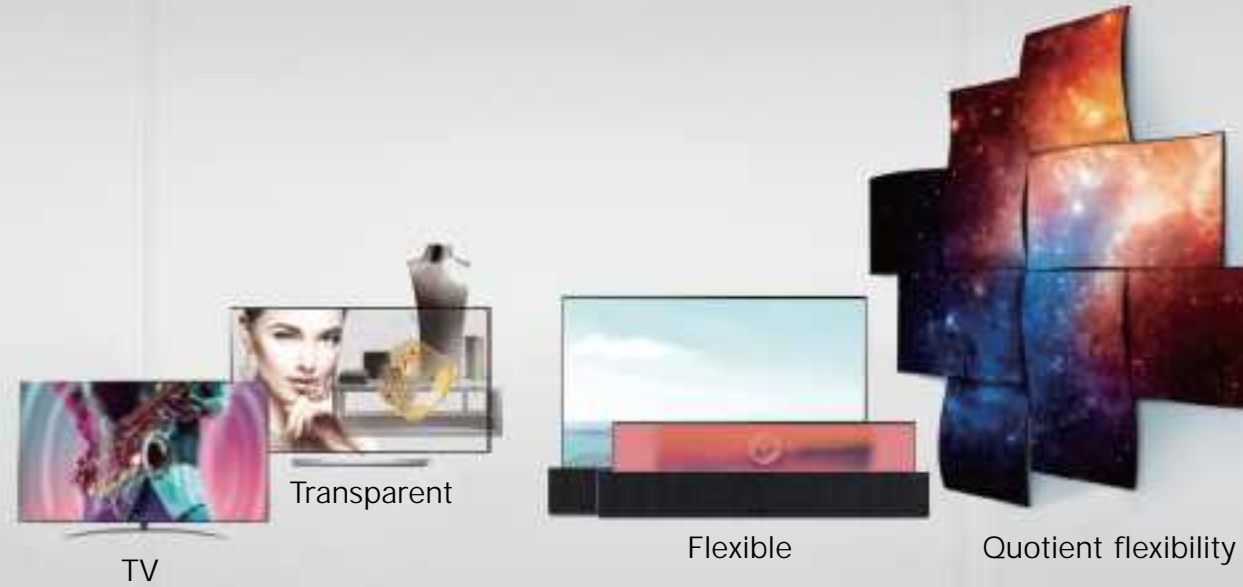~10mm Thickness | Polarizer | C/F | Liquid Crystal | TFT Glass | Polarizer | Optical Film | Light Guide Plate/LED | Reflector | Back Cover

OLED

World's Slimmest 0.97mm (Panel) | Polarizer | TFT | OLED Cell | Back Cover

Self-emissive OLED

Best Picture Quality

·Various Form Factor

·Integration & Design

·Customization

Simple & Infinite
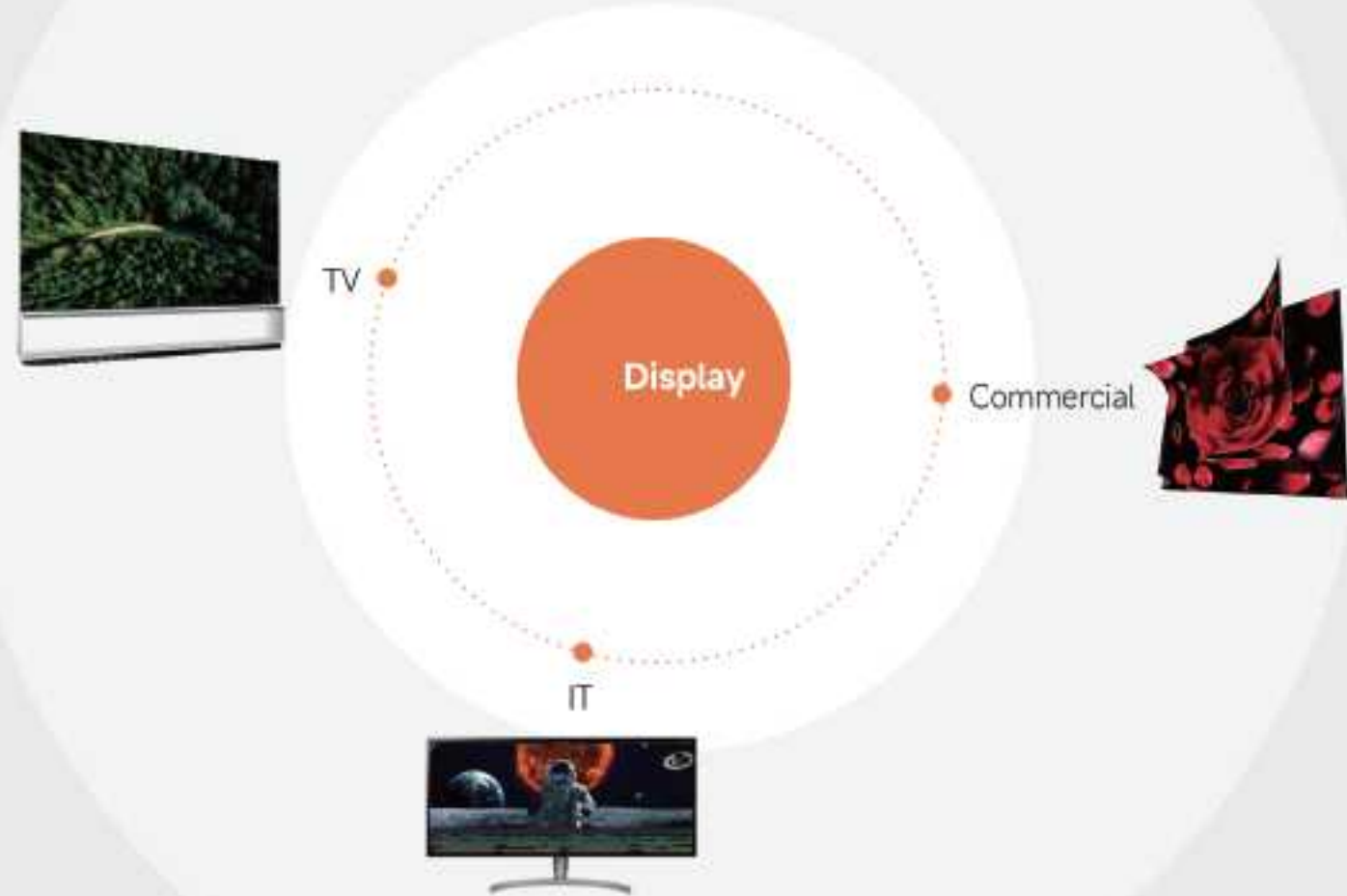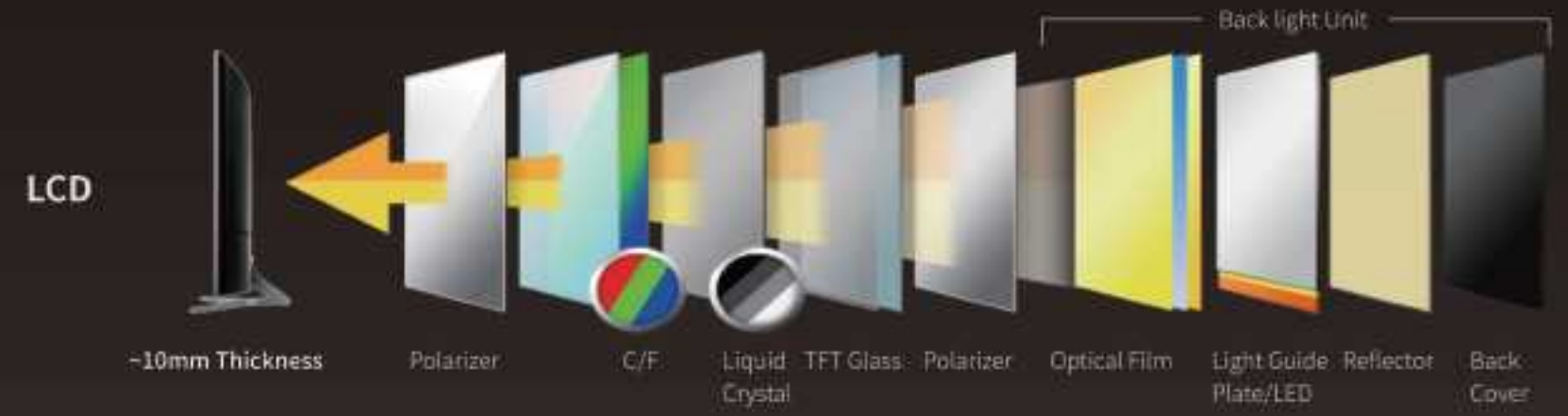
Covering whole range of OLED display

IT、TV、T-OLED commercial display

Transparent

TV

Flexible

Quotient flexibility
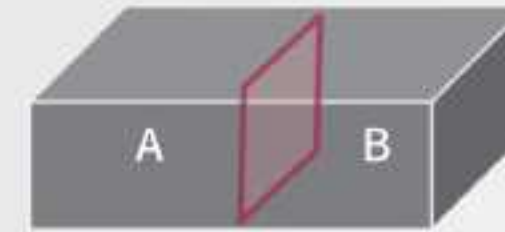
Why Choose OLED Panel for Transparent Display?

Self luminous、High transparency、Excellent image quality
Providing consumers with new viewing and interactive experiences

How it be so special?
Breaking the boundaries of space

Transparent OLED Core Value
Perspective & Overlap

A   B

OLED: self emitting   LCD: non self emitting

Well-fitting
indoor display

Multi-level
information
delivery

Redefine
space

- High transparency (40%)&high image quality
- Lightweight design (weighing about 3kg and thickness about 1cm)
- Infinite extension (2 * N)

OLED.T signage

IN THE NEW ERA OF DISPLAY

Phygital era'---provides digital and convenient services in physical space.

Customized seamless splicing transparent OLED can providestunning digital experiences with various realistic enhancements,New display screen that provides human-display interaction,physical and digital integration experience.
OLED.T signage

● Commercial Center 、Department Store、Chained Shopping Mall

NO MORE traditional standing-still image delivery

BUT MORE：
·Inviting modern-fashion designed.
·Interactive software and system.
·Intelligent communication and transmission.
·Resonate with the intangible valuebrand philosophy.
·Discover fascinating stories behind amazing technology or products in the field of ultrastructure.

Museums

Night At The luseumLife that transcend space,Vivid pircture but appear in the transparent display,Floating picture as if we were communicate with history Display of NewTime

A new generation display sereen that prowides custommerproduct interaction, physical and digital integration experienee This is OLED,T signage.

Highlight hi gh-tech image.
Showcase technological leadership& future value.

A new generation display sereen that provideseustomer produet interaction, physieal and digitalinlegration exper ienee, This s OLED.T Signage.

Corporate Exhibitions

Large Stadiums

Enjoy a High tech high-end service space
Retain the broad vision with no sight
baffled.

OLED.TSignage deliver novelty,creativeness
vision at a higher level for the audience,thus
lure more attention,ensure more profit to
every event.

A new generation display screen that
provides customer product interaction,
physical and digital integration experience.
This is OLED.T Signage.

Healthcare

The modern healthcare model is shifting towards data-centric digital health management, and transparent OLED is helping healthcare services take it to the next level.

In the past, in the neonatal intensive care unit, family members could only stand outside and guess the baby's health status through a glass wall,Nowadays, it is possible to directly view the condition of infants through transparent OLEDs, and at the same time, real-time confirmation of infant health data such as heart rate, sleep time, and breastfeeding volume can be achieved.

As mentioned above, transparent OLEDs can ensure trust in the healthcare industry through secure Healthcareface-to-face communication,At the same time, it can effectively improve the convenience of medical service users, thereby creating new opportunities to attract more customers.

A new generation display screen that provides customer product interaction, physical and digital integration experience. This is OLED.T Signage

Government facilities, Non face-to-face Consultation window

The transparent OLED installed in the consultation window can achieve effective information sharing and two-way communication Government facilities, Non face-to-face Consultation windowsimultaneously, making communication with citizens more transparent and intelligent.

Transparent OLED visual effects covering the background can more effectively introduce government policies and improve administrative service efficiency. In addition, the transparent OLED on the electronic signage in government office halls can present an innovative and efficient image, improve trust in information, and promote cutting-edge services.

A new generation display screen that provides customer product interaction, physical and digital integration experience. This is OLED.T Signage.

Receptionstation

The transparent OLED equipped at the reception station can provide visitors with a more stylish and convenient accommodation schedule, facilities, services, and other information. In a cutting-edge conference room equipped with transparent OLEDs for each seat, you can see both the others face and screen simultaneously.

Helping with intelligent meetings, it is expected to receive enthusiastic responses from business customers. In addition to the scenery outside, the smart windows in the suite can also provide weather information and news, or create a dreamy atmosphere that harmoniously integrates with the city's panoramic view, thereby improving the quality of the accommodation experience and helping to attract more customers.

A new generation display screen that provides customer product interaction, physical and digital integration experience. This is OLED.T Signage

Education,Broadcastin

Multiple teaching display screens using transparent OLEDs can open up unimaginable and limitless possibilities for new educational methods,Thus achieving the positioning of a leader in the education market.

Children can freely play the content they want to see through the display screen. Communicate in a creative way, and teacers can use transparent OLED electronic blackboards to conduct visual communication and interactive teaching, thereby conveying high-quality educational content in the most effective way.

A new generation display screen that provides customer product interaction, physical and digital integration experience. This is OLED.T Signage.

OLED_T mobility

Driving vision is a necessary factor to ensure the safety of drivers and passengers.What would happen if transparent OLED could provide content without obstructing the field of view?

The subway train windows and platform screen doors can be transformed into effective advertising areas,Improve the efficiency of vehicle interior space and propose a new blueprint for high-end automatic services.
Transparent OLEDs not only vividly showcase the scenery outside the window, but also,it can also provide various information, advertisements, and entertainment in new ways.

Leading the cutting-edge display screen for future mobile travel experience by deducing innovative space
This is OLED.T Mobility

Subway(windows)

The windows in the subway occupy most of the area inside the carriage,it's also the place where passengers have the most frequent eye contact.

Transparent OLEDs can transform them into cutting-edge advertising devices,there by creating new revenue.This innovative and interesting mobile travel experience,It will further improve the satisfaction of subway customer service.

Leading the cutting-edge display screen for future mobile travel experience by deducing innovative space.
This is OLED.T Mobility

Subway(platform screen doors)

The platform screen doors, which used to display dim railway tracks naked, will transform into innovative electronic signs that provide real-time information such as advertising and subway information, news, and weather through transparent OLED.

Let's make the useless dead corners in the subway platform,Transform into a brand new advertising business space!

Leading the cutting-edge display screen for future mobile travel experience by deducing innovative space.
This is OLED.T Mobility

Automobiles

Using transparent OLED as the interior partition of the vehicle not only separates the front and rear seats, but also ensures a complete view.

This can open up a new future of high-end automated services that can improve spatial efficiency and expand daily life. Passengers in the back seat no longer need to use narrow headrest displays and tablets, but can use touch screen ultra wide transparent displays. During movement, not only can they comfortably enjoy video content, but they can also conveniently conduct online searches, meetings, and more. Especially for taxis, transparent OLED partitions can be used as cutting-edge advertising devices to create new advertising business opportunities.

Leading the cutting-edge display screen for future mobile travel experience by deducing innovative space. This is OLED.T Mobility.

Aviation

Nowadays, airports around the world are fiercely competing to achieve revenue diversification and enhance competitiveness. Let's use transparent OLED to create a futuristic cutting-edge airport!By using transparent OLEDs installed on airport windows and bridges, real-time flight information, weather, destination information, etc. can be sent, which can create additional revenue through the expansion of the advertising field.

Leading the cutting-edge display screen for future mobile travel experience by deducing innovative space. This is OLED.T Mobility.

Heavy machinery

Heavy equipment that uses transparent OLEDs to significantly improve safety performance can provide differentiated value to drivers, becoming a market leader.

For a long time, heavy equipment drivers have to turn their gaze to the side display screen in order to confirm work instructions. Obviously, this action poses a safety hazard. Now, as long as the front windshield is replaced with a transparent OLED, there is no need to frequently rotate the line of sight, and instructions can be confirmed immediately while working. In this way, it is possible to eliminate the hazards associated with driving heavy equipment, prevent safety accidents, and improve work efficiency.

Leading the cutting-edge display screen for future mobile travel experience by deducing innovative space. This is OLED.T Mobility.

OLED.T architecture

Heavy machinery

Adopting dual glass partitions, employees can experiencecutting-edge technology in their daily lives,Improve spatial efficiency. Replacing partitions that block the line of sight and narrow the space, Share real-time information such as business, schedules, charts, weather, etc.This is an innovative display screen that changes the spatial paradigm and enhances the value of enterprises and building.
This is OLED.T Architecture.

Lounges

Can be used as a partition wall to transform the hub space of the office into a flexible workspace,

This is an innovative display screen that changes the spatial paradigm and enhances the value of enterprises and building.This is OLED.T Architecture.

Lobbies

Rich in artistic sense,spectacular scene with high-tech digital art.

A multimedia art wall with an open sense in the spacious hall.

This is an innovative display screen that changes the spatial paradigm and enhances the value of enterprises and building.This is OLED.T Architecture

OLED_T lifestyle

Lifestyle screens

Integrating interior decoration with display screens.Gives unprecedented high-end interior decoration home appliances infinite potential possibility and motivation while injecting inspiration into creating new lifestyles. New household appliances using transparent OLED will become an innovative leader in changing the market landscape and create the opportunity to generate new demand.Creating a new ecosystem for the lifestyle market and a display screen with unlimited possibilities. This is OLED -T lifestyle.

Household Intelligent
Communication Terminal

When there's better options for household terminal,you can always have faith in OLED-T series. Built into various spaces, improving the utilization rate and quality of life of home space. In the kitchen, living room, cloakroom, etc

Transparent OLED home smart communication terminals can be installed in all necessary spaces, achieving a true IoT smart home and injecting unique vitality into the home environment.Create a new ecosystem of lifestyle markets and display screens with infinite possibilities,
This is OLED-T Lifestyle.

Company profile

Chenxin lighting is a manufacturing enterprise that integrates the R&D, design, production, sales, and service of OLED products. It is an independent business unit specializing in OLED products. The company currently has around 150 employees and its revenue exceeded 150 million in 2020. The company covers an area of 10000 square meters in production, with an average monthly shipment of 10000 pieces. Chenxin has been deeply involved in the OLED display industry for many years and is committed to becoming a leading OLED commercial display manufacturer in China. The core business of the company is to provide customers with cost-effective OLED products and overall solutions. We have passed the 1SO9001:2000 quality management system certification and ISO14001 environmental system certification, and its products have been certified by authoritative institutions such as CCC, CE, ROHS, energy conservation and environmental protection. We made significant breakthroughs in independent intellectual property and innovation, and have obtained multiple product patents and software copyrights for industry solutions such as finance, exhibition and exhibition, party building, etc. With our highly competitive design team, research and development team, and service team to help customers improve quality, increase efficiency, and generate revenue.

Delivery
Full process delivery

Coverage
Damage covered

Quality
Controlled and assured

Pro-environmental
Environmentally friendly

Manufacturer
Drop shipping

Maintenance
Lifetime service

Product certification

| CE | 3C | ROHS | EM | QM | OHSAS |

Business Partners

Solution Provider

frontop 凡拓数创　丝路视觉　商汤 sensetime　HUAWEI　......

Systematical Display

AOC　PHILIPS　CHANGHONG 长虹　HIKVISION　......

Branded Companies

L'ORÉAL PARIS 巴黎欧莱雅　九毛九　中国建设银行 China Construction Bank　中国农业银行 AGRICULTURAL BANK OF CHINA　UNIQLO　......

Advantages of OLED technology

OLED transparent screen is a new type of display technology, and its biggest advantage lies in its excellent transparency. Each pixel of OLED transparent screens is self luminous, no need for backlighting, achieving high transparency, which brings unprecedented innovation space for various industries. Transparent OLED has the advantages of high transparency, high contrast, high color gamut, and other visual effects, presenting the visual texture of transparent glass. This type of display screen will rapidly grow in applications such as advertising, retail displays, and interior design in the future, providing users with an immersive visual experience.

**OLED transparent screen
A journey of imagination and
exploration heading to the future**

Ultimate Color

The brightness and color temperature of self luminous pixels can be adjusted through technical means to achieve a more realistic visual effect.

Excellent Blackness

Composed of unique self luminous materials, OLED can emit light autonomously, giving it advantages such as excellent blackness, wide viewing angle, and delicate contrast.

Smooth screen

LCD显示 《   》 OLED显示

OLED has a dynamic picture response time that is 5000 times faster than LCD screens, clear and without image residue, making every detail displayed on the OLED display come to life.

Perfect perspective

OLED displays have a wide viewing angle and can be viewed from various anglesDisplaying internal guests to ensure complete viewing experience.
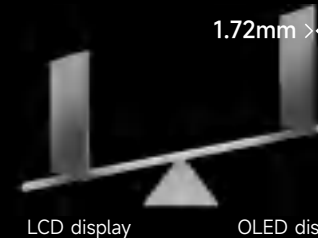
High transparency

Based on the special structure of OLED panels, it can present a transparent effect, ensuring that the display effect does not affect the background lighting.
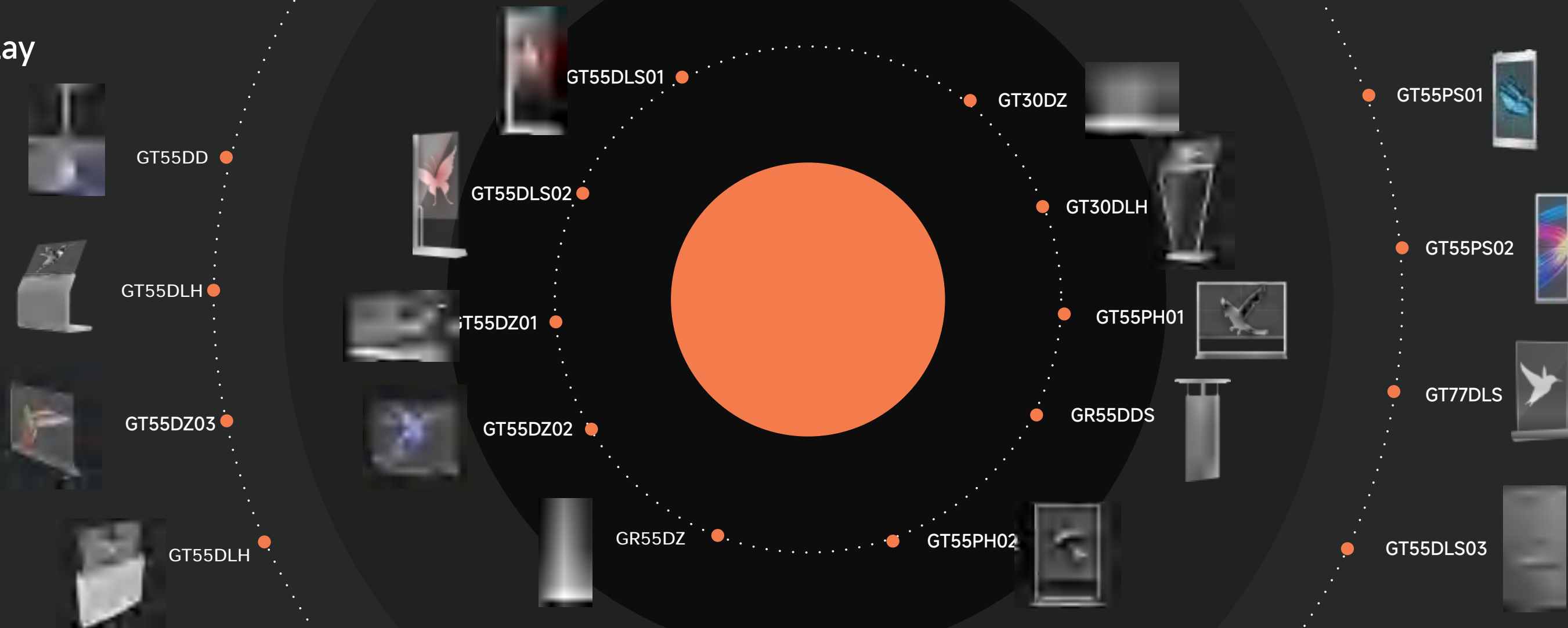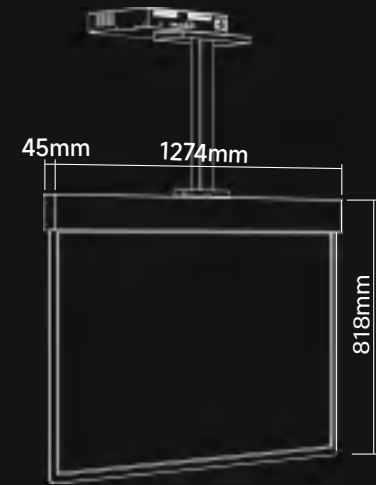
Lightweight&Thin

1.72mm

OLED screens, with their unique two-layer structure, achieve a lightweight to thin design, allowing OLED screens to maintain excellent performance while effectively reducing the overall thickness of the device, making the product more lightweight and convenient
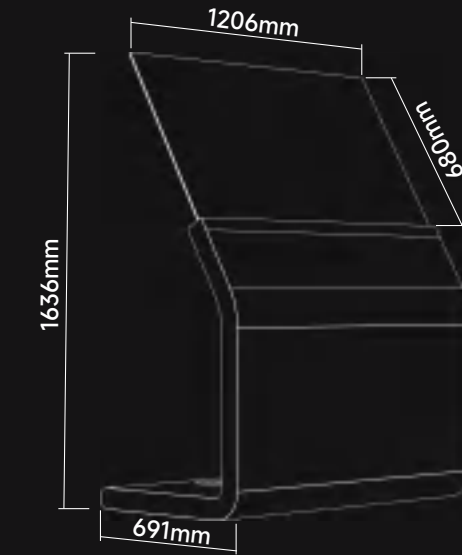
LCD display   OLED display

Creative display

GT55DLS01

GT30DZ

GT55DD

GT55DLS02

GT30DLH

GT55DLH

GT55PH01

GT55DZ01

GT55DZ03

GR55DDS

GT55DZ02

GT55PS01

GT55PS02

GT77DLS

GT55DLS03

GR55DZ

GT55PH02

Transparent OLED
55' ceiling hanging screen
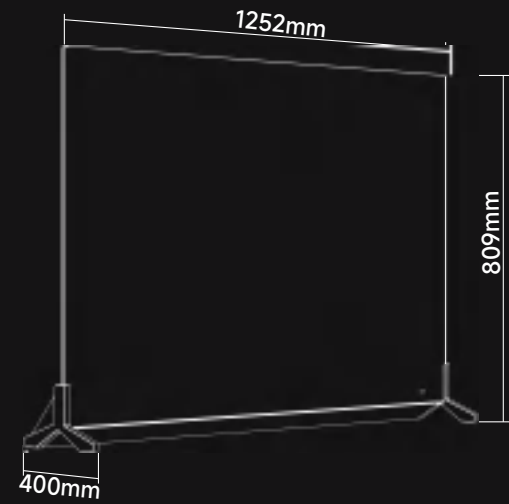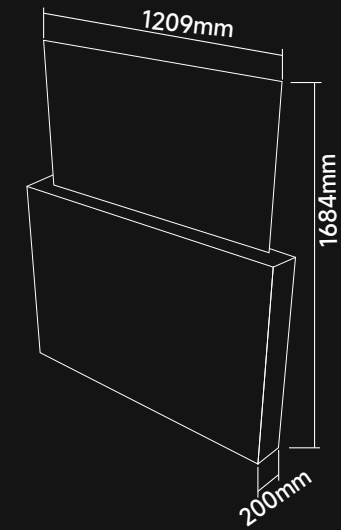
1274mm
45mm
818mm

Model	GT55DD
Resolution	1920*1080
Transmittance	38%
Dynamic contrast	150000：1
Viewing angle	178° (upside, downupside, leftupside, rightupside)
Brightness(cd)	150-400
Color gamut	108%
Lifespan(typ.)	30000H
Working time	18H/week (dynamic image only)

Transparent OLED
55' tilting screen

1206mm
680mm
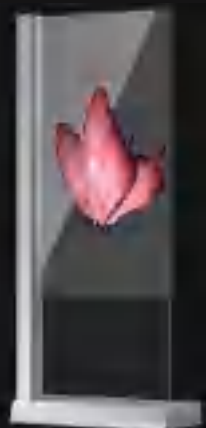1636mm
691mm

Model	GT55DLH
Resolution	1920*1080
Transmittance	38%
Dynamic contrast	150000：1
Viewing angle	178° (upside, downupside, leftupside, rightupside)
Brightness(cd)	150-400
Color gamut	108%
Lifespan(typ.)	30000H
Working time	18H/week (dynamic image only)

**● Transparent OLED
55' table monitor**

1252mm

809mm

400mm

Model	GT55DZ03
Resolution	1920*1080
Transmittance	38%
Dynamic contrast	150000：1
Viewing angle	178° (upside, downupside, leftupside, rightupside)
Brightness(cd)	150-400
Color gamut	108%
Lifespan(typ.)	30000H
Working time	18H/week (dynamic image only)

**● Transparent OLED
55' height
adjustable screen**

1209mm

1684mm

200mm

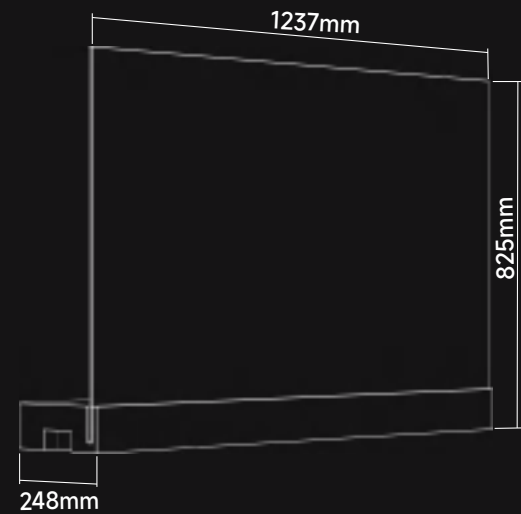| Model	GT55DS
Resolution	1920*1080
Transmittance	38%
Dynamic contrast	150000：1
Viewing angle	178° (upside, downupside, leftupside, rightupside)
Brightness(cd)	150-400
Color gamut	108%
Lifespan(typ.)	30000H
Working time	18H/week (dynamic image only)

Transparent OLED
55' virtual
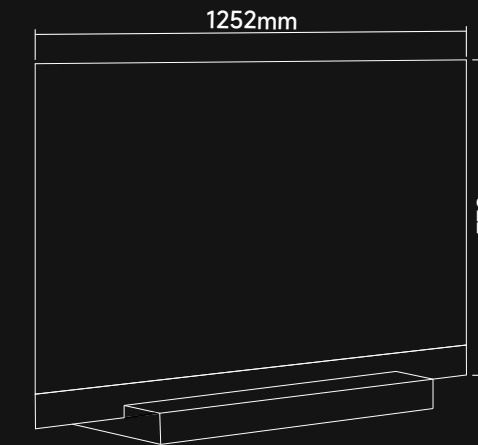**guest-welcoming screen**

Model	GT55DLS01
Resolution	1920*1080
Transmittance	38%
Dynamic contrast	150000：1
Viewing angle	178° (upside, downupside, leftupside, rightupside)
Brightness(cd)	150-400
Color gamut	108%
Lifespan(typ.)	30000H
Working time	18H/week (dynamic image only)

Transparent OLED
55' virtual
guest-welcoming screen
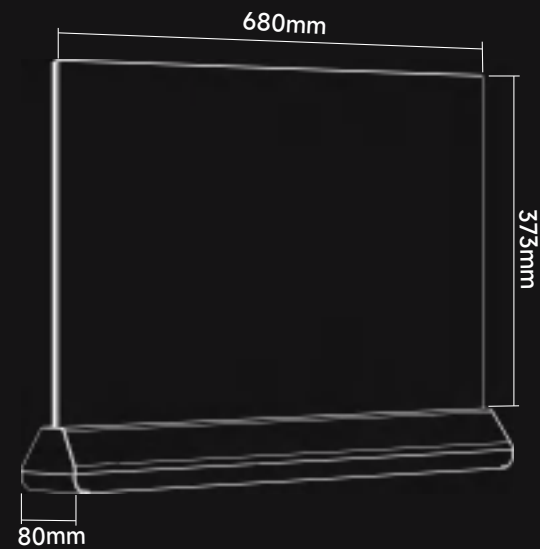
Model	GT55DLS02
Resolution	1920*1080
Transmittance	38%
Dynamic contrast	150000：1
Viewing angle	178° (upside, downupside, leftupside, rightupside)
Brightness(cd)	150-400
Color gamut	108%
Lifespan(typ.)	30000H
Working time	18H/week (dynamic image only)

Transparent OLED
55' 桌面款

Dimensions: 1237mm × 825mm, 248mm (depth)

Model	GT55DZ01
Resolution	1920*1080
Transmittance	38%
Dynamic contrast	150000：1
Viewing angle	178° (upside, downupside, leftupside, rightupside)
Brightness(cd)	150-400
Color gamut	108%
Lifespan(typ.)	30000H
Working time	18H/week (dynamic image only)

Transparent OLED
55' table monitor

Dimensions: 1252mm × 772mm

Model	GT55DZ02
Resolution	1920*1080
Transmittance	38%
Dynamic contrast	150000：1
Viewing angle	178° (upside, downupside, leftupside, rightupside)
Brightness(cd)	150-400
Color gamut	108%
Lifespan(typ.)	30000H
Working time	18H/week (dynamic image only)

Transparent OLED
30' mini table monitor

680mm

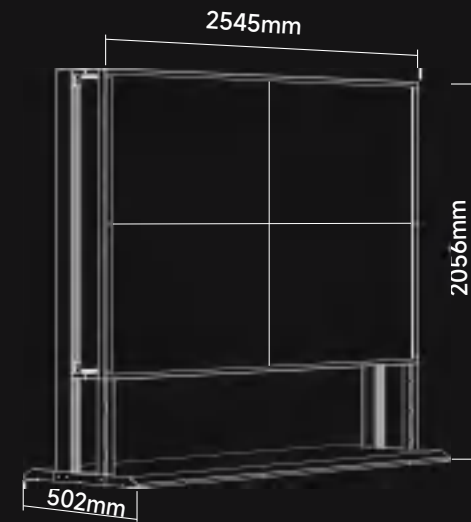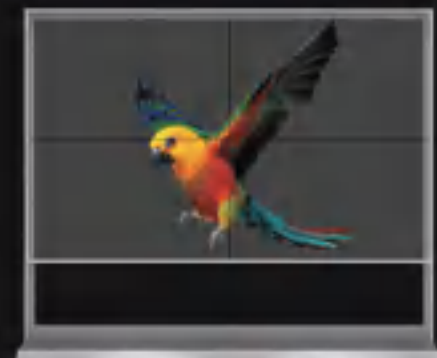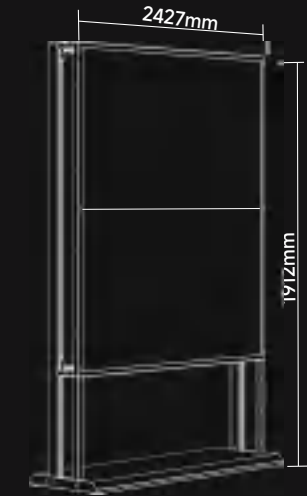373mm

80mm

Model	GT30DZ
Resolution	1366*768
Transmittance	43%
Dynamic contrast	150000：1
Viewing angle	178° (upside, downupside, leftupside, rightupside)
Brightness(cd)	200-600
Color gamut	108%
Lifespan(typ.)	30000H
Working time	18H/week (dynamic image only)

Transparent OLED
30' query station screen

6mm 679mm

387mm

1375mm

Model	GT30DLS
Resolution	1366*768
Transmittance	43%
Dynamic contrast	150000：1
Viewing angle	178° (upside, downupside, leftupside, rightupside)
Brightness(cd)	200-600
Color gamut	108%
Lifespan(typ.)	30000H
Working time	18H/week (dynamic image only)

Transparent OLED horizontal-splicing screen2x2

2545mm

2056mm

502mm

Model	GT55PH01
Resolution	3840*2160
Transmittance	38%
Dynamic contrast	150000：1
Viewing angle	178° (upside, downupside, leftupside, rightupside)
Brightness(cd)	150-400
Color gamut	108%
Lifespan(typ.)	30000H
Working time	18H/week (dynamic image only)

Transparent OLED horizontal-splicing screen2x1
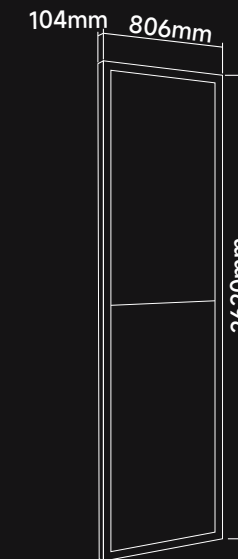

2427mm

1912mm

Model	GT55PH02
Resolution	1080*3840
Transmittance	38%
Dynamic contrast	150000：1
Viewing angle	178° (upside, downupside, leftupside, rightupside)
Brightness(cd)	150-400
Color gamut	108%
Lifespan(typ.)	30000H
Working time	18H/week (dynamic image only)

Transparent OLED vertical-splicing screen2x2

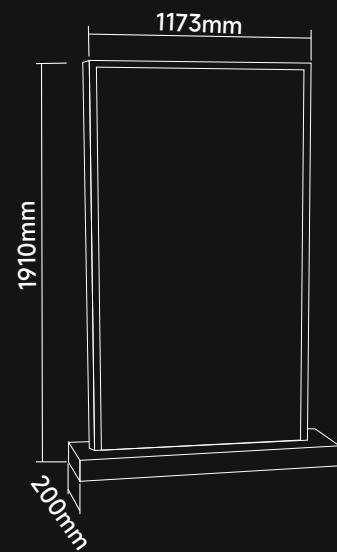| Model	GT55PS01
Resolution	2160*3840
Transmittance	38%
Dynamic contrast	150000：1
Viewing angle	178° (upside, downupside, leftupside, rightupside)
Brightness(cd)	150-400
Color gamut	108%
Lifespan(typ.)	30000H
Working time	18H/week (dynamic image only)

Transparent OLED vertical-splicing screen2x1
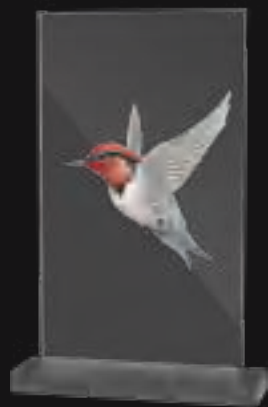

Model	GT55PS02
Resolution	1080*3840
Transmittance	38%
Dynamic contrast	150000：1
Viewing angle	178° (upside, downupside, leftupside, rightupside)
Brightness(cd)	150-400
Color gamut	108%
Lifespan(typ.)	30000H
Working time	18H/week (dynamic image only)

Transparent OLED
77' virtual
guest-welcoming screen

1173mm

1910mm

200mm
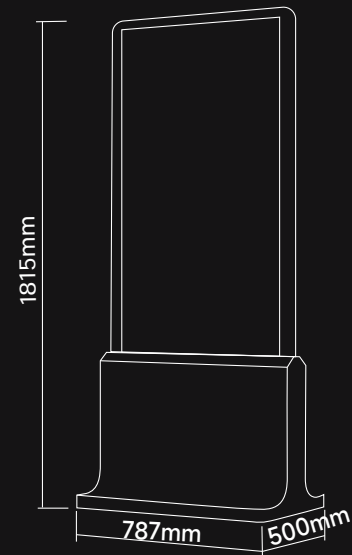
Model	GT77DLS
Resolution	3840*2160
Transmittance	43%
Dynamic contrast	150000：1
Viewing angle	178° (upside, downupside, leftupside, rightupside)
Brightness(cd)	200-600
Color gamut	108%
Lifespan(typ.)	30000H
Working time	18H/week (dynamic image only)

Transparent OLED
Cultural relics
display cabinet

770mm 770mm
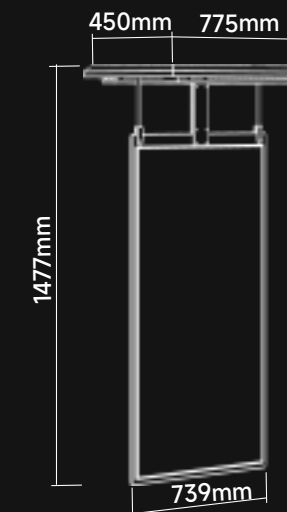
1298mm

Model	GT55DLS03
Resolution	1920*1080
Transmittance	38%
Dynamic contrast	150000：1
Viewing angle	178° (upside, downupside, leftupside, rightupside)
Brightness(cd)	150-400
Color gamut	108%
Lifespan(typ.)	30000H
Working time	18H/week (dynamic image only)

OLED
55' flexible double-sided screen

Dimensions: 1815mm (height), 787mm, 500mm

Model	GT55DZ
Resolution	1920*1080
Transmittance	38%
Dynamic contrast	150000：1
Viewing angle	178° (upside, downupside, leftupside, rightupside)
Brightness(cd)	150-400
Color gamut	108%
Lifespan(typ.)	30000H
Working time	18H/week (dynamic image only)

OLED
55' double-sided vertical wall-hanging screen

Dimensions: 450mm, 775mm, 1477mm (height), 739mm

Model	GR55DDS
Resolution	1920*1080
Transmittance	38%
Dynamic contrast	150000：1
Viewing angle	178° (upside, downupside, leftupside, rightupside)
Brightness(cd)	150-400
Color gamut	108%
Lifespan(typ.)	30000H
Working time	18H/week (dynamic image only)