panoLED

Create custom video walls

duo.
UNLIMITED DISPLAY

DESIGN AWARD 2020

2

Bring your exhibits to life

#UnlimitedAnimation

panoLED is an LED panel system that lets you create custom video walls.

The panoLED panels measure 18.9″ x 18.9″ (480 x 480 mm). They can be easily and quickly connected to each other.

Combined with the Panoramic h-line and c-line ranges, they offer new visual experiences.

They can also be used alone for events and architectural elements: freestanding or wall-mounted screens, and signage.

Streaming your videos and creating immersive experiences has never been so easy!

It all starts with panoLED: the next generation of LED video panels

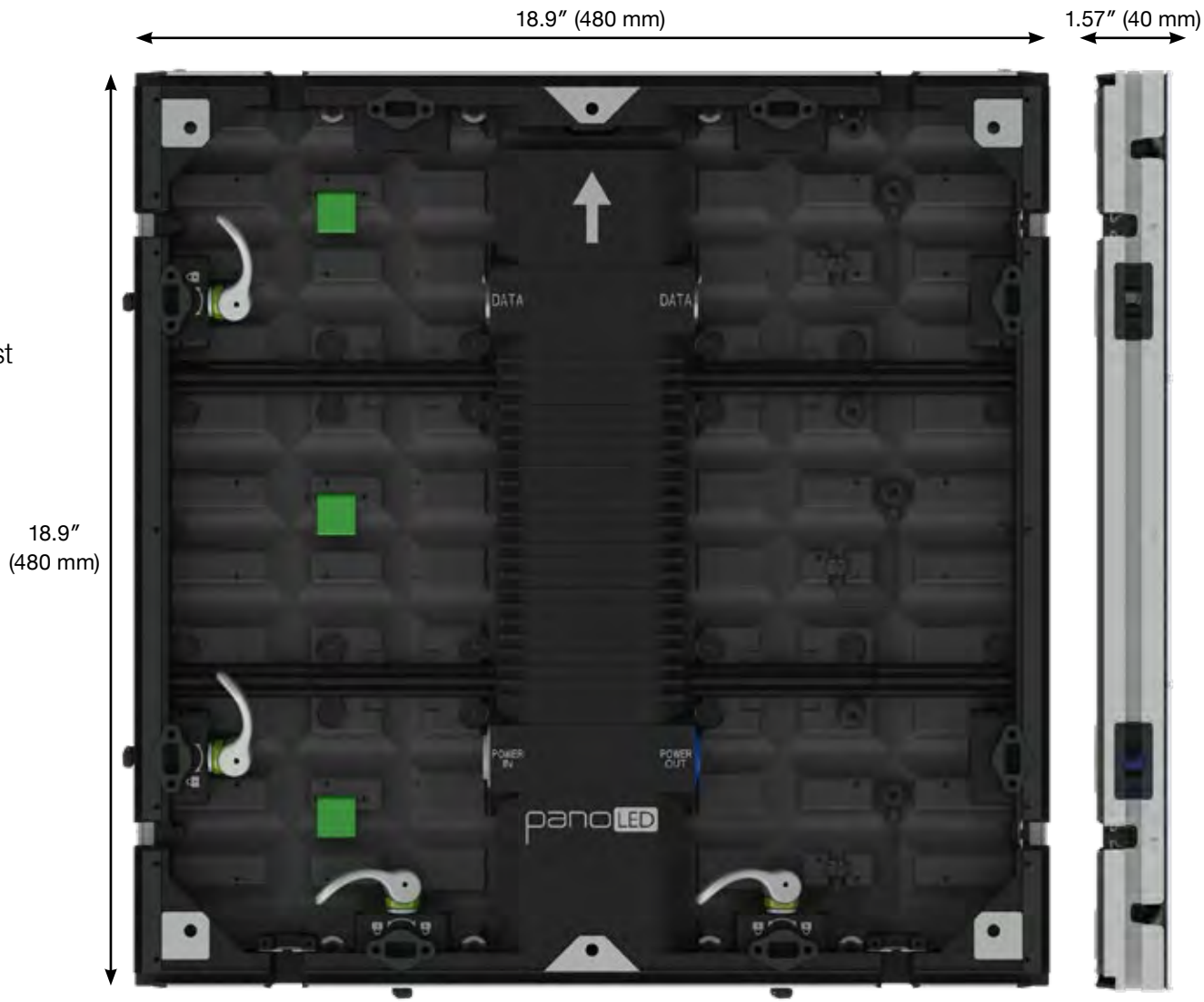
panoLED features exceptional characteristics: it is 1.57″ (40 mm) thick, weighs 13.67 lbs (6.2 kg) and is equipped with a patented* simple and secure attachment system.

panoLED displays deep shades of black and natural colors. The range is available in a 2.5 pitch with capabilities to convert to 1.9, for flawless definition of your content. The control unit features the latest generation of electronics.

It thus offers unprecedented, stunning contrast and creates an immersive and captivating experience.

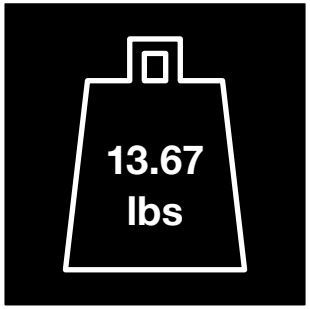
panoLED is designed to integrate with Panoramic h-line and c-line modular systems. A silicone edge graphic can be fitted to the reverse side of the panel thanks to a new patented* innovation.

panoLED allows for applications that go beyond exhibits and conventional installations. Whether hanging, standing, or integrated into a design, the applications are endless thanks to the product's thin and lightweight frame.



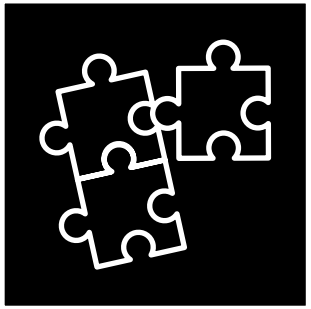
*Patent pending

panoLED: so different



The most lightweight panel

- 13.67 lbs (6.2 kg)
- < 5 lbs /ft² (< 24.7 kg / m²)

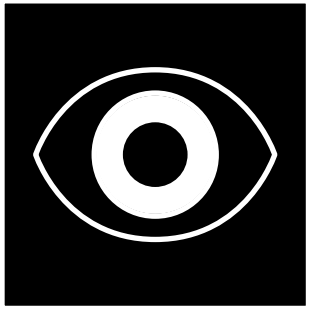


The thinnest panel in the world!

- 1.57″ (40 mm) thick
- Easier to handle and to transport

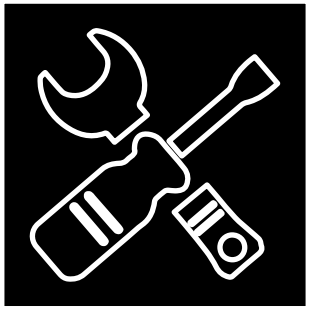
Reliable

- Aluminum frame with integrated wire management
- 4 built-in connectors
- Neutrik connectors
- Interchangeable tile design for easy maintenance



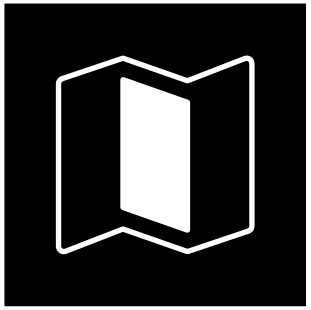
Crisp images and vibrant colors

- 2.5 pitch, compatible with 1.9
- 3D/ HDR (High Dynamic Range) functions
- Low latency
- Natural colors. Deep black colors
- Latest generation Novastar A8S Card



Fast and easy setup

- Easy and ultra-secure connections
- Cabinets and wires may be installed first, followed by the LED tiles



Versatile

- Add a fabric backer
- Perfect integration with Panoramic ranges
- Other applications: integration with traditional exhibits, independent video screens, hanging signs…

5 Animate your events

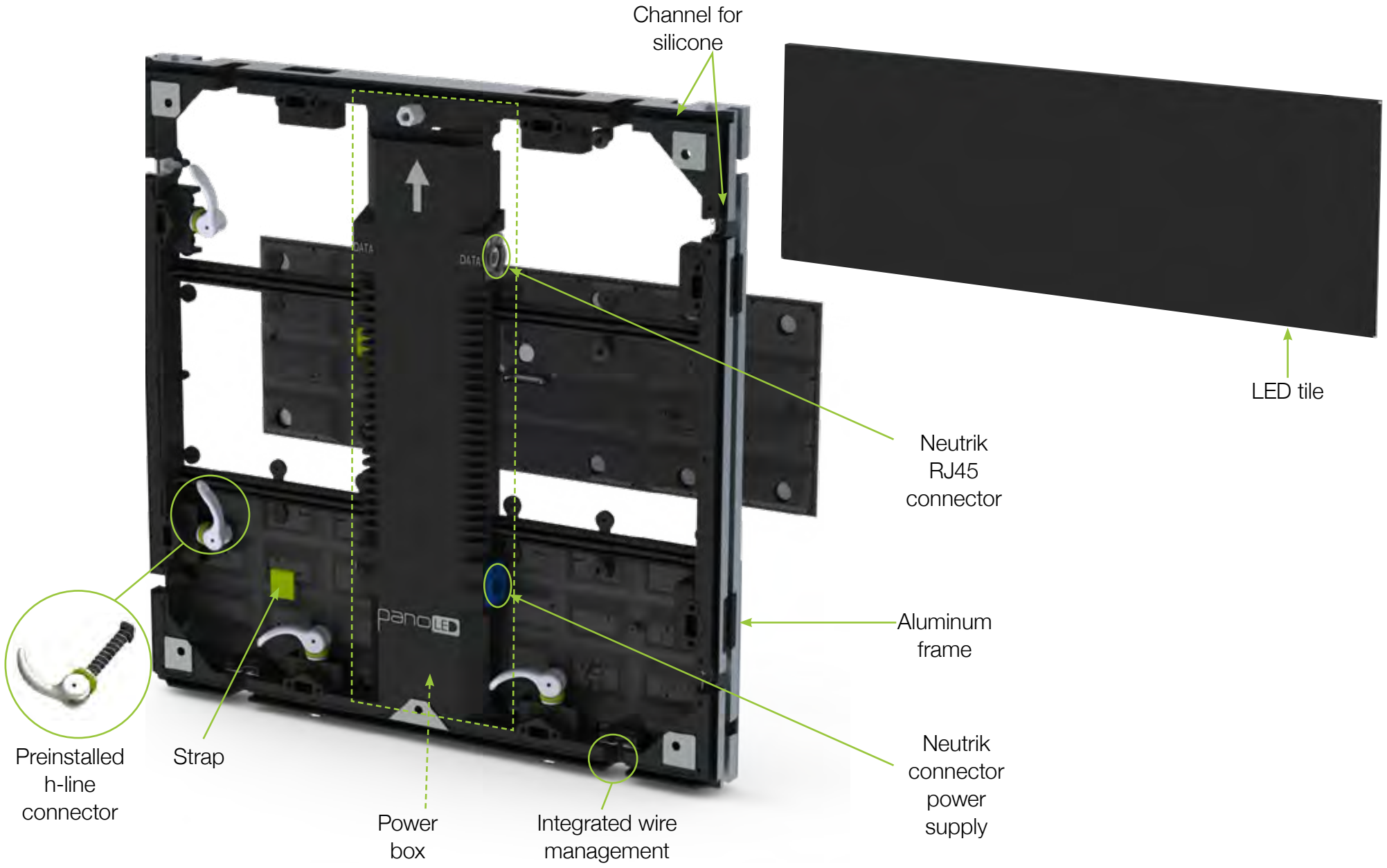
Best of Events Dortmund, 01/2020

duo.
STANDS & DISPLAYS
Stands modulaires
Cadres tissu
Stands sur-mesure
Stands portables & pop-ups tissu
Roll-ups & porte-bannières
Communication extérieure
contour.

Euroshop Düsseldorf, 02/2020

Euroshop Düsseldorf, 02/2020

9 panoLED: make every detail a priority



panoLED: easier than you ever imagined

#1 Design with the 3D configurator

#2 Create your video content

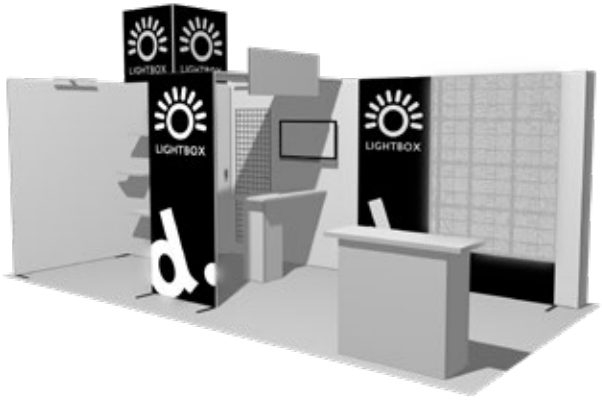
#3 Program the player

#4 Stream your videos on the panoLED screens (with the ViPlex Handy app)

panoLED, explore the field of endless possibilities

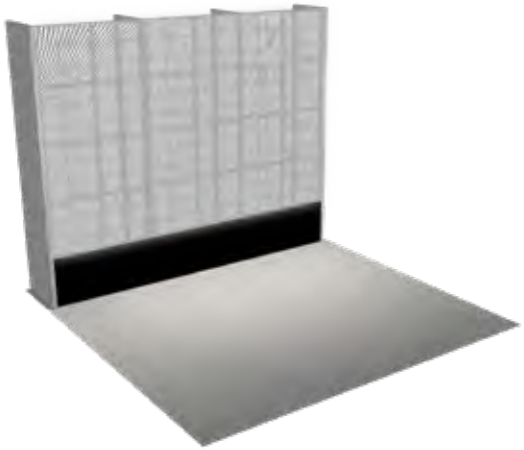
exhibits

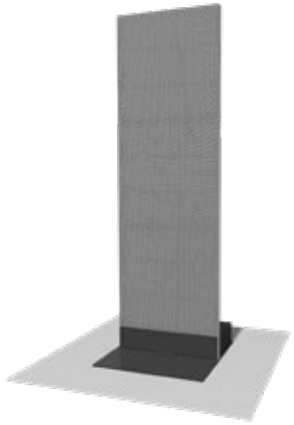
Video wall



Single-sided or double-sided totem

Hanging sign





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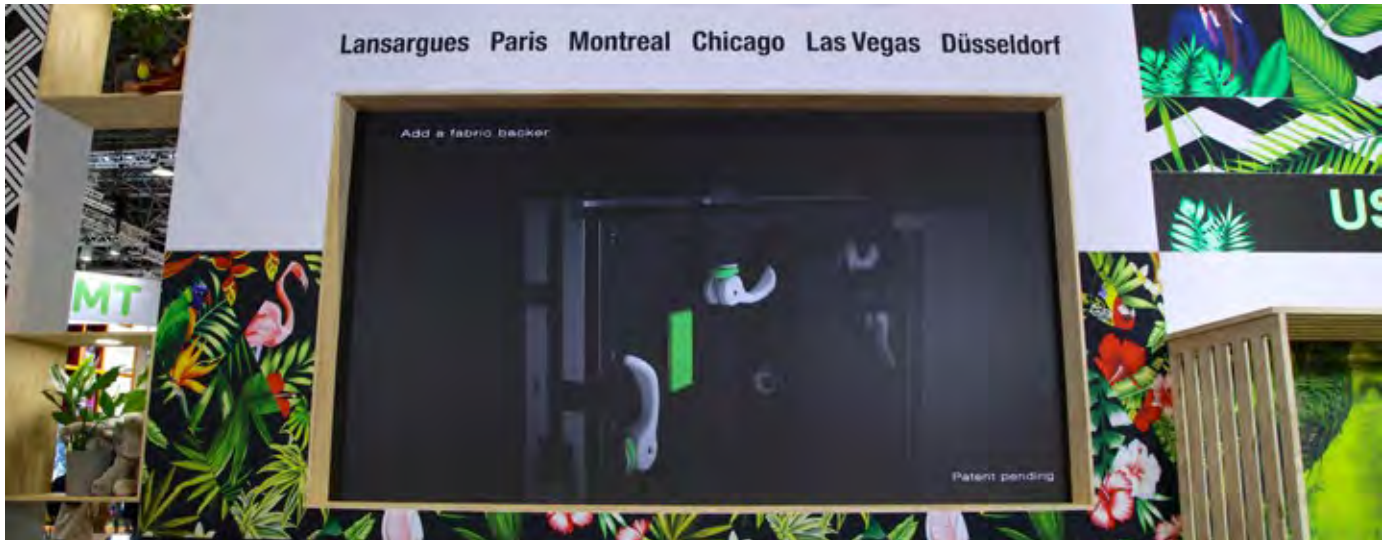
12 panoLED in all its applications

As a giant video screen



As a double-sided totem

Integrated into a printed decor / As an hanging sign

13 LED Panels

1x cabinet 18.9″ x 18.9″
(480 mm x 480 mm)

3x LED tiles 18.9″ x 6.3″
(480 mm x 160 mm)
2.5 pitch resolution: 192 x 64

1x 2.6′ (0.8 m) power supply cable

1x 2.6′ (0.8 m) data cable

Accessories - Cables

From the sending card to the first LED panel

32.8′ (10 m) power supply cable

To connect LED panels together

2.6′ (0.8 m) power supply cable

1.3′ (0.4 m) power supply cable

32.8′ (10 m) data cable

2.6′ (0.8 m) data cable

15 Accessories – Flightcases & Packaging

Flightcase

for 10 LED panels

Also available for accessories without interior packing

Individual cardboard box for 1 LED panel

Cardboard box for 6 LED tiles (for maintenance)

16 Accessories

Bumper

Front

Back

Hanging bar

Front

Back

17 Accessories – spare parts

Masks

Security cord

Connectors

Magnets

Cable management

A8s Receiving card

Power supply

Neutrik electricity connector

Neutrik data connector

LED chip

Technical specifications

panoLED

FRONT ACCESS | INDOOR | 2 YEARS WARRANTY | 3D | HD | panoramic h-line

Key features

- Ultra-thin: 1.57″ (40 mm)
- Lightweight: 13.67 lbs (6.2kg)
- Integration with modular exhibits
- Fabric for back side
- HDR / 3D capabilities
- Low latency
- Complete maintenance
- 2-year warranty

	P2.5	P1.9
LED tile		
Pixel Pitch	2.5	1.9
LED type	SMD1515	SMD1010 Ultra-rigid technology
Tile size (W x H) inches (mm)	18.9 x 6.3 (480 x 160)	
Density: pixels/ft² (pixels/m²)	14 864 (160 000)	25 734 (277 008)
Luminance (cd/m²)	> 1 000	
Refresh rate	≥ 2 880 Hz	
LED panel		
Cabinet dimensions (W x H x D) inches (mm)	18.9 x 18.9 x 1.57 (480 x 480 x 40)	
Video panel resolution (px*px)	192 x 192	256 x 256
Cabinet	Aluminum	
Maintenance	Total (front maintenance)	
Weight lbs/panel (kg/panel)	13.67 (6.2)	15.21 (6.9)
Average / max consumption (W/m²)	<60 / < 160	
Technical features		
View angle (H°/V°)	140 / 140	
Recommended readability distance ft (m)	≥ 8.2 (2.5)	≥ 6.2 (1.9)
Receiving card	Built-in – Latest generation (Nova A8S HDR+ 18 bits)	
Operating temperature	-4°F ~ +104°F	
Humidity tolerance	10% ~ 90%	
Refroidis Cooling sement	Passive aluminum radiator / Power supply without ventilation	
Protection index	IP43	
Connections	Neutrik (signal and power supply)	
Certifications	CE, RoHS, EMC, LVD, DEE ETL listed, FCC	
Lifespan at 50% brightness	> 100 000 h	
Warranty	2-year carry-in	

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