

spectra

by
everglow



P-2.5 P-3.0 P-4.0 P-4.4 P-5.9 P-6.6 P-8.0 P-10.0

Unlock endless possibilities with the spectacular influence of spectra.

Spectra is a patented LED display built for OOH, luxury malls, and premium real estate environments. With up to 10,000 nits brightness, a 3840Hz refresh rate, and a fan-less, fireproof design, it ensures clarity, safety, and silence. Its lightweight 20kg cabinet, energy-efficient 210W/sqm drive, and front-rear maintenance simplify deployment. From IP65+ durability to curved support and seamless 90° corners, Spectra is built to perform—and built to impress.

The Endless Possibilities

20 kg Per Cabinet

Lightweight build for easier handling and faster installation.

3840Hz Refresh Rate

Crystal-clear motion with ultra-smooth, high-speed playback.

IP65+ Water & Dust Resistance

Engineered to withstand the elements—rain or shine.

Front and Rear Maintenance

Total accessibility—faster servicing, less downtime.

Upto 6° Curved Display

Smooth, curved visuals for creative and dynamic setups.

Constant Current 210W Avg/sqm

Reduces power usage by 30%—smarter, energy-efficient performance.

Brightness Up to 10,000 Nits

Daylight-ready brilliance for maximum outdoor visibility.

Fireproof

Refractory build for enhanced safety and peace of mind.

Fan-less

Silent, stable, and more durable in harsh environments.

90° L-Cabinets

Perfect for seamless corner screens and architectural edges.

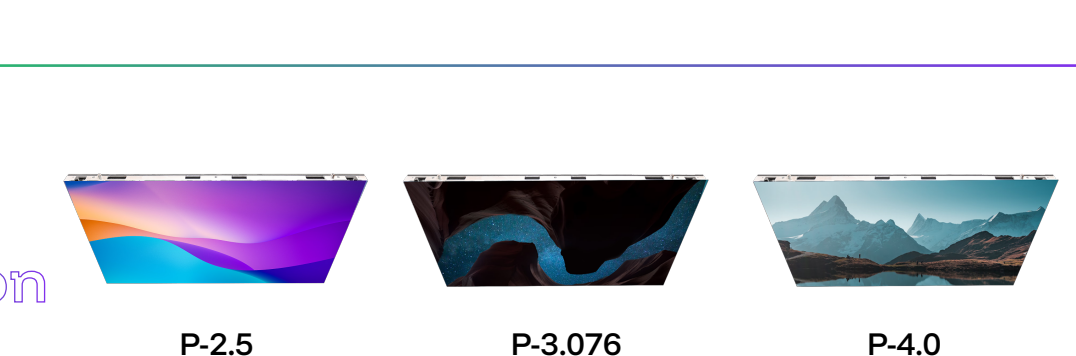
Flexibility Meets Creativity



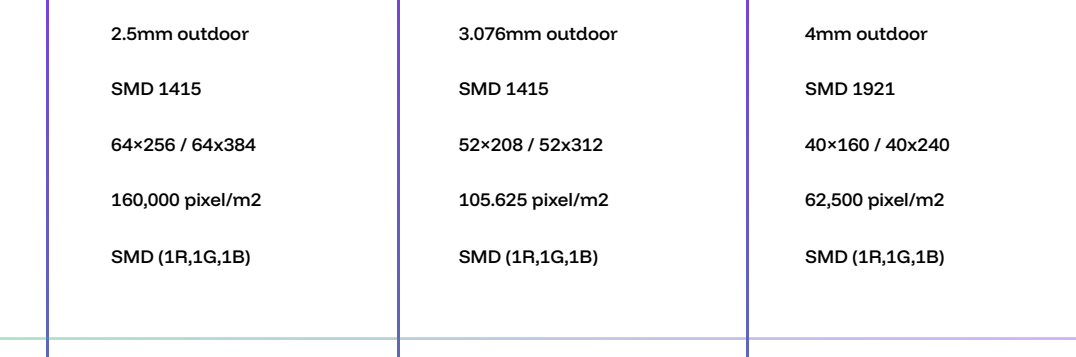
OOH



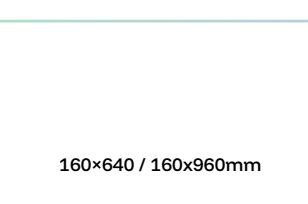
Real Estate



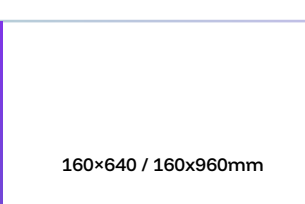
Luxury Mall



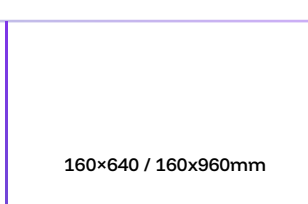
Technical Specification



P-2.5
Outdoor



P-3.076
Outdoor



P-4.0
Outdoor

Block Module

Dimensions (w x h)
Pixel pitch
LED Configuration
Resolution (w x h)
Pixel Density
Pixel Configuration

160x640 / 160x960mm
2.5mm outdoor
SMD 1415
64x256 / 64x384
160,000 pixel/m2
SMD (1R,1G,1B)

160x640 / 160x960mm
3.076mm outdoor
SMD 1415
52x208 / 52x312
105,625 pixel/m2
SMD (1R,1G,1B)

160x640 / 160x960mm
4mm outdoor
SMD 1921
40x160 / 40x240
62,500 pixel/m2
SMD (1R,1G,1B)

Cabinet

Dimensions (w x h)
Physical Resolution (w x h)
Cabinet Material
Weight
Thickness (Front / Rear)
Service
Power Supply

640x640 / 960x960mm
256x256 / 384x384
Diecast Aluminum
15 / 20 kgs
100 / 55 mm
Front / Rear
5V/60A

640x640 / 960x960mm
208x208 / 312x312
Diecast Aluminum
15 / 20 kgs
100 / 55 mm
Front / Rear
5V/60A

640x640 / 960x960mm
160x160 / 240x240
Diecast Aluminum
15 / 20 kgs
100 / 55 mm
Front / Rear
5V/60Av

Parameter

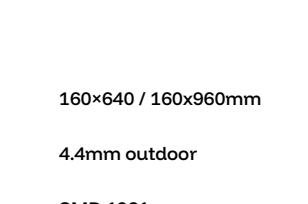
Brightness
Viewing Angle
Minimum Viewing Distance
Brightness Control
Grey scale
Refresh frequency
Driving mode
Scan method
Input power frequency
Input Voltage
Power Consumption (m2)
Lifetime
International Protection
Operation temperature
Working humidity

5500 - 6500cd/m2
140°
>2.5m
256 levels
16bits
>3840Hz
Constant Current Driving
1/16 Scanning
60 Hz
110-220VAC/SVDC
650watt Max / 210watt Avg
1,00,000 hours
IP65
-20 ~ 60 °C±10%
10%—90%RH

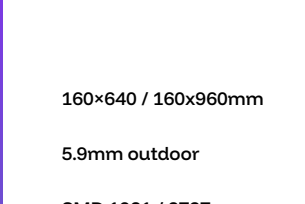
5500 - 6500cd/m2
140°
>3.076m
256 levels
16bits
>3840Hz
Constant Current Driving
1/13 Scanning
60 Hz
110-220VAC/SVDC
650watt Max / 210watt Avg
1,00,000 hours
IP65
-20 ~ 60 °C±10%
10%—90%RH

5500 - 6500cd/m2
140°
>4m
256 levels
16bits
>3840Hz
Constant Current Driving
1/10 Scanning
60 Hz
110-220VAC/SVDC
650watt Max / 210watt Avg
1,00,000 hours
IP65
-20 ~ 60 °C±10%
10%—90%RH

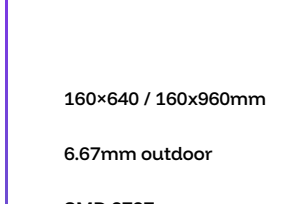
Technical Specification



P-4.4
Outdoor



P-5.9
Outdoor



P-6.67
Outdoor

Block Module

Dimensions (w x h)
Pixel pitch
LED Configuration
Resolution (w x h)
Pixel Density
Pixel Configuration

160x640 / 160x960mm
4.4mm outdoor
SMD 1921
36x216
50,725 pixel/m2
SMD (1R,1G,1B)

160x640 / 160x960mm
5.9mm outdoor
SMD 1921 / 2727
27x81 / 27x162
28,530 pixel/m2
SMD (1R,1G,1B)

160x640 / 160x960mm
6.67mm outdoor
SMD 2727
24x144 / 24x144
22,545 pixel/m2
SMD (1R,1G,1B)

Cabinet

Dimensions (w x h)
Physical Resolution (w x h)
Cabinet Material
Weight
Thickness (Front / Rear)
Service
Power Supply

640x640 / 960x960mm
144x216
Diecast Aluminum
15 / 20 kgs
100 / 55 mm
Front / Rear
5V/60A

640x640 / 960x960mm
108x162 / 162x162
Diecast Aluminum
15 / 20 kgs
100 / 55 mm
Front / Rear
5V/60A

640x640 / 960x960mm
96x144 / 144x144
Diecast Aluminum
15 / 20 kgs
100 / 55 mm
Front / Rear
5V/60Av

Parameter

Brightness
Viewing Angle
Minimum Viewing Distance
Brightness Control
Grey scale
Refresh frequency
Driving mode
Scan method
Input power frequency
Input Voltage
Power Consumption (m2)
Lifetime
International Protection
Operation temperature
Working humidity

5500 - 6500cd/m2
140°
>4.4m
256 levels
16bits
>3840Hz
Constant Current Driving
1/10 Scanning
60 Hz
110-220VAC/SVDC
650watt Max / 210watt Avg
1,00,000 hours
IP65
-20 ~ 60 °C±10%
10%—90%RH

5500 - 6500 - 7200cd/m2
140°
>5.9m
256 levels
16bits
>3840Hz
Constant Current Driving
1/7 Scanning
60 Hz
110-220VAC/SVDC
550watt Max / 180watt Avg
1,00,000 hours
IP65
-20 ~ 60 °C±10%
10%—90%RH

5500 - 6500 - 7200cd/m2
140°
>6.67m
256 levels
16bits
>3840Hz
Constant Current Driving
1/6 Scanning
60 Hz
110-220VAC/SVDC
550watt Max / 180watt Avg
1,00,000 hours
IP65
-20 ~ 60 °C±10%
10%—90%RH

Technical Specification



P-10.0
Outdoor

Block Module

Dimensions (w x h)
Pixel pitch
LED Configuration
Resolution (w x h)
Pixel Density
Pixel Configuration

160x640 / 160x960mm
8mm outdoor
SMD 2727 / 3535
20x120 / 20x120
15,625 pixel/m2
SMD (1R,1G,1B)

Cabinet

Dimensions (w x h)
Physical Resolution (w x h)
Cabinet Material
Weight
Thickness (Front / Rear)
Service
Power Supply

640x640 / 960x960mm
80x120 / 120x120
Diecast Aluminum
15 / 20 kgs
100 / 55 mm
Front / Rear
5V/60A

Parameter

Brightness
Viewing Angle
Minimum Viewing Distance
Brightness Control
Grey scale
Refresh frequency
Driving mode
Scan method
Input power frequency
Input Voltage
Power Consumption (m2)
Lifetime
International Protection
Operation temperature
Working humidity

5500 - 6500 - 7200cd/m2
140°
>8m
256 levels
16bits
>3840Hz
Constant Current Driving
1/5 Scanning
60 Hz
110-220VAC/SVDC
650watt Max / 210watt Avg
1,00,000 hours
IP65
-20 ~ 60 °C±10%
10%—90%RH

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