

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

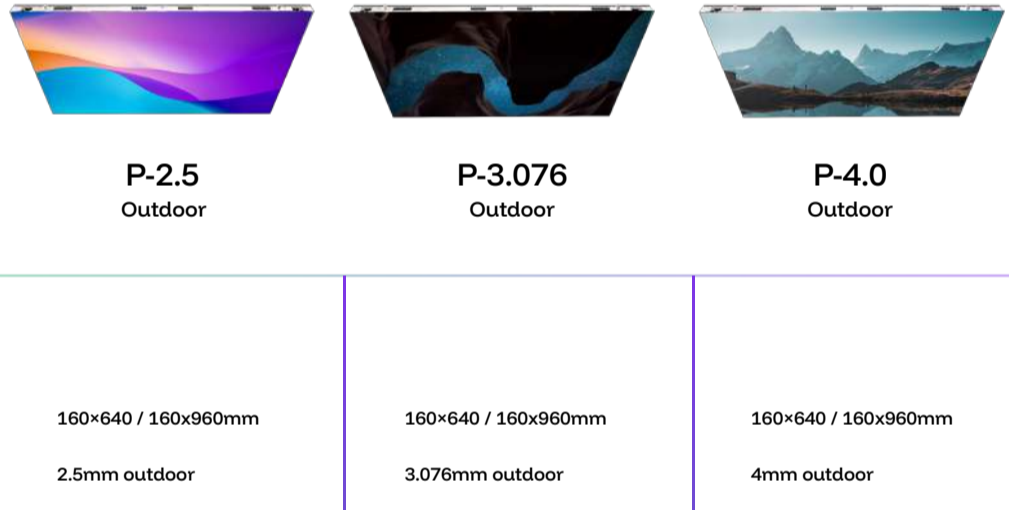


OOH

Real Estate

Luxury Mall

Technical Specification



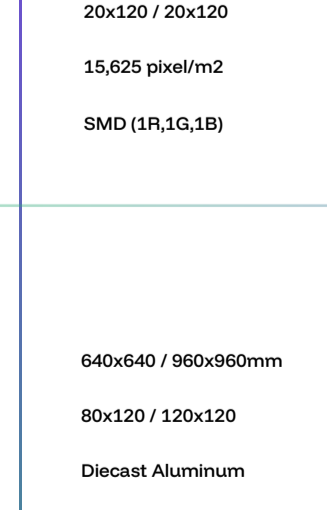
	P-2.5 Outdoor	P-3.076 Outdoor	P-4.0 Outdoor
Block Module			
Dimensions (w x h)	160x640 / 160x960mm	160x640 / 160x960mm	160x640 / 160x960mm
Pixel pitch	2.5mm outdoor	3.076mm outdoor	4mm outdoor
LED Configuration	SMD 1415	SMD 1415	SMD 1921
Resolution (w x h)	64x256 / 64x384	52x208 / 52x312	40x160 / 40x240
Pixel Density	160,000 pixel/m2	105,625 pixel/m2	62,500 pixel/m2
Pixel Configuration	SMD (1R,1G,1B)	SMD (1R,1G,1B)	SMD (1R,1G,1B)
Cabinet			
Dimensions (w x h)	640x640 / 960x960mm	640x640 / 960x960mm	640x640 / 960x960mm
Physical Resolution (w x h)	256x256 / 384x384	208x208 / 312x312	160x160 / 240x240
Cabinet Material	Diecast Aluminum	Diecast Aluminum	Diecast Aluminum
Weight	15 / 20 kgs	15 / 20 kgs	15 / 20 kgs
Thickness (Front / Rear)	100 / 55 mm	100 / 55 mm	100 / 55 mm
Service	Front / Rear	Front / Rear	Front / Rear
Power Supply	5V/60A	5V/60A	5V/60Av
Parameter			
Brightness	5500 - 6500cd/m2	5500 - 6500cd/m2	5500 - 6500cd/m2
Viewing Angle	140°	140°	140°
Minimum Viewing Distance	>2.5m	>3.076m	>4m
Brightness Control	256 levels	256 levels	256 levels
Grey scale	16bits	16bits	16bits
Refresh frequency	>3840Hz	>3840Hz	>3840Hz
Driving mode	Constant Current Driving	Constant Current Driving	Constant Current Driving
Scan method	1/16 Scanning	1/13 Scanning	1/10 Scanning
Input power frequency	60 Hz	60 Hz	60 Hz
Input Voltage	110-220VAC/SVDC	110-220VAC/SVDC	110-220VAC/SVDC
Power Consumption (m2)	650watt Max / 210watt Avg	650watt Max / 210watt Avg	650watt Max / 210watt Avg
Lifetime	1,00,000 hours	1,00,000 hours	1,00,000 hours
International Protection	IP65	IP65	IP65
Operation temperature	-20 ~ 60 °C±10%	-20 ~ 60 °C±10%	-20 ~ 60 °C±10%
Working humidity	10%—90%RH	10%—90%RH	10%—90%RH

Technical Specification



	P-4.4 Outdoor	P-5.9 Outdoor	P-6.67 Outdoor
Block Module			
Dimensions (w x h)	160x640 / 160x960mm	160x640 / 160x960mm	160x640 / 160x960mm
Pixel pitch	4.4mm outdoor	5.9mm outdoor	6.67mm outdoor
LED Configuration	SMD 1921	SMD 1921 / 2727	SMD 2727
Resolution (w x h)	36x216	27x81 / 27x162	24x144 / 24x144
Pixel Density	50,725 pixel/m2	28,530 pixel/m2	22,545 pixel/m2
Pixel Configuration	SMD (1R,1G,1B)	SMD (1R,1G,1B)	SMD (1R,1G,1B)
Cabinet			
Dimensions (w x h)	640x640 / 960x960mm	640x640 / 960x960mm	640x640 / 960x960mm
Physical Resolution (w x h)	144x216	108x162 / 162x162	96x144 / 144x144
Cabinet Material	Diecast Aluminum	Diecast Aluminum	Diecast Aluminum
Weight	15 / 20 kgs	15 / 20 kgs	15 / 20 kgs
Thickness (Front / Rear)	100 / 55 mm	100 / 55 mm	100 / 55 mm
Service	Front / Rear	Front / Rear	Front / Rear
Power Supply	5V/60A	5V/60A	5V/60Av
Parameter			
Brightness	5500 - 6500cd/m2	5500 - 6500 - 7200cd/m2	5500 - 6500 - 7200cd/m2
Viewing Angle	140°	140°	140°
Minimum Viewing Distance	>4.4m	>5.9m	>6.67m
Brightness Control	256 levels	256 levels	256 levels
Grey scale	16bits	16bits	16bits
Refresh frequency	>3840Hz	>3840Hz	>3840Hz
Driving mode	Constant Current Driving	Constant Current Driving	Constant Current Driving
Scan method	1/10 Scanning	1/7 Scanning	1/6 Scanning
Input power frequency	60 Hz	60 Hz	60 Hz
Input Voltage	110-220VAC/SVDC	110-220VAC/SVDC	110-220VAC/SVDC
Power Consumption (m2)	650watt Max / 210watt Avg	550watt Max / 180watt Avg	550watt Max / 180watt Avg
Lifetime	1,00,000 hours	1,00,000 hours	1,00,000 hours
International Protection	IP65	IP65	IP65
Operation temperature	-20 ~ 60 °C±10%	-20 ~ 60 °C±10%	-20 ~ 60 °C±10%
Working humidity	10%—90%RH	10%—90%RH	10%—90%RH

Technical Specification



	P-10.0 Outdoor
Block Module	
Dimensions (w x h)	160x640 / 160x960mm
Pixel pitch	8mm outdoor
LED Configuration	SMD 2727 / 3535
Resolution (w x h)	20x120 / 20x120
Pixel Density	15,625 pixel/m2
Pixel Configuration	SMD (1R,1G,1B)
Cabinet	
Dimensions (w x h)	640x640 / 960x960mm
Physical Resolution (w x h)	80x120 / 120x120
Cabinet Material	Diecast Aluminum
Weight	15 / 20 kgs
Thickness (Front / Rear)	100 / 55 mm
Service	Front / Rear
Power Supply	5V/60A
Parameter	
Brightness	5500 - 6500 - 7200cd/m2
Viewing Angle	140°
Minimum Viewing Distance	>8m
Brightness Control	256 levels
Grey scale	16bits
Refresh frequency	>3840Hz
Driving mode	Constant Current Driving
Scan method	1/5 Scanning
Input power frequency	60 Hz
Input Voltage	110-220VAC/SVDC
Power Consumption (m2)	650watt Max / 210watt Avg
Lifetime	1,00,000 hours
International Protection	IP65
Operation temperature	-20 ~ 60 °C±10%
Working humidity	10%—90%RH

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