



PERFORMUS SERIES

SMD Rental LED

The Performus Rental LED range has been engineered for the demanding world of live events, touring productions, exhibitions, broadcast environments and corporate presentations. Combining a lightweight die-cast aluminium cabinet with exceptional visual performance. Performus delivers fast installation, flexible configuration options and outstanding reliability. Available in multiple pixel pitches for both indoor and outdoor applications, the system supports flat, curved and right-angle installations. Enabling creative display designs that captivate audiences while maintaining the durability required for frequent transport and deployment.

Up to
5000NITS
Standard Brightness

7680HZ
High Refresh Rate

SMD
LED Type

3840 - 7680K
Colour Temp



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Product Highlights

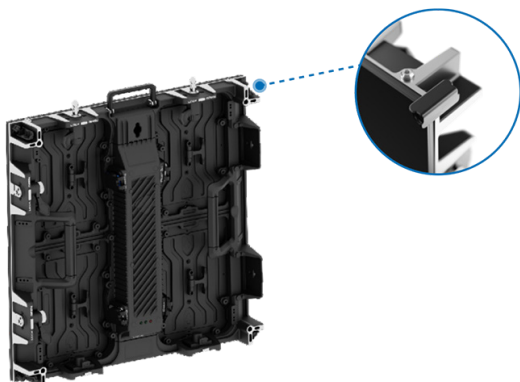
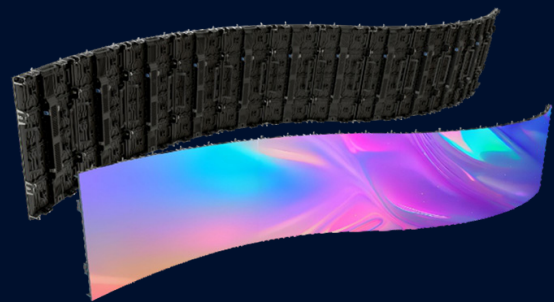


90° CABINET SPLICING

Create striking corner displays and immersive visual environments with Performus' precision-engineered 90° cabinet splicing capability. Dedicated cabinet design allows seamless right-angle installations without compromising image continuity, making it ideal for cube displays, architectural features, stage set designs and large-format experiential installations. The robust locking system ensures accurate alignment and rapid assembly. Delivering clean, professional results every time.

CURVED DISPLAYS

Designed for creative flexibility, the Performus range supports both concave and convex curved configurations through its integrated curve-lock mechanism. Adjustable from -5° to +5°, cabinets can be combined to create sweeping panoramic displays, immersive stage backdrops and eye-catching architectural installations. The precision locking system maintains perfect cabinet alignment while enabling designers to bring ambitious visual concepts to life with ease.



ENHANCED PROTECTION

The Performus Rental DVLED range is built to withstand the rigours of touring and rental environments. Reinforced cabinet construction helps protect LEDs from accidental impact during transportation, setup and dismantling, while integrated edge protection minimises the risk of damage to vulnerable pixel surfaces. The durable die-cast aluminium frame provides exceptional structural strength without adding unnecessary weight, ensuring long-term reliability and reduced maintenance costs for rental operators and event professionals.

PERFORMUS SERIES

Technical Specification

	PERF19I	PERF26I	PERF29I	PERF39I
PHYSICAL PARAMETERS				
Environment	Indoor (IP41)			
Pixel Pitch (mm)	P1.95	P2.61	P2.97	P3.91
Pixel Configuration	SMD1212	SMD1515	SMD1515	SMD2121
Pixel Density (dots/m ²)	262,144	147,456	112,896	65,536
Cabinet Size (mm)	500 x 500 x 68	500 x 500 x 68	500 x 500 x 68 500 x 1000 x 68	500 x 500 x 68 500 x 1000 x 68
Cabinet Resolution	256 x 256	192 x 192	168 x 168 168 x 336	128 x 128 125 x 256
Cabinet Material	Diecast Aluminium			
Weight	6.9KG	6.9KG	6.9KG / 11.5KG	6.9KG / 11.5KG
OPTICAL PARAMETERS				
Brightness (nits)	800	1000	1000	1200
Refresh Rate (Hz)	50/60			
Contrast	20,000 : 1			
Refresh Rate (Hz)	3840 - 7680			
Gray Scale (bit)	14 - 16			
ELECTRICAL PARAMETERS				
Max Power Consumption (W)	<500W/m ²			
Avg. Power Consumption (W)	<170W/m ²			
Working Voltage	AC: 110V - 240V , 50 - 60Hz	AC: 110V - 240V , 50 - 60Hz	AC: 110V - 240V , 50 - 60Hz	AC: 110V - 240V , 50 - 60Hz
ADDITIONAL FEATURES				
Lifetime (Hrs)	100,000			
Operation Humidity (RH)	10% - 80%			
Operation Temperature	-10°C ~ 40°C			
Serviceability	Front & Rear			

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Technical Specification

	PERF290	PERF390	PERF480	PERF590
PHYSICAL PARAMETERS				
Environment	Outdoor (IP65)			
Pixel Pitch (mm)	P2.9	P3.91	P4.81	P5.9
Pixel Configuration	SMD1415	SMD1921	SMD1921	SMD2727
Pixel Density (dots/m ²)	112,896	65,536	43,264	28,224
Cabinet Size (mm)	500 x 500 x 72 500 x 1000 x 72	500 x 500 x 72 500 x 1000 x 72	500 x 500 x 72 500 x 1000 x 72	500 x 500 x 72 500 x 1000 x 72
Cabinet Resolution	168 x 168 168 x 336	128 x 128 128 x 256	104 x 104 104 x 208	84 x 84 84 x 168
Cabinet Material	Diecast Aluminium			
Weight	7.7KG / 12.8KG	7.7KG / 12.8KG	7.7KG / 12.8KG	7.7KG / 12.8KG
OPTICAL PARAMETERS				
Brightness (nits)	4000	4500	4500	5000
Refresh Rate (Hz)	50/60			
Contrast	20,000 : 1			
Refresh Rate (Hz)	3840 - 7680			
Gray Scale (bit)	14 - 16			
ELECTRICAL PARAMETERS				
Max Power Consumption (W)	<600W/m ²			
Avg. Power Consumption (W)	<200W/m ²			
Working Voltage	AC: 110V - 240V , 50 - 60Hz	AC: 110V - 240V , 50 - 60Hz	AC: 110V - 240V , 50 - 60Hz	AC: 110V - 240V , 50 - 60Hz
ADDITIONAL FEATURES				
Lifetime (Hrs)	100,000			
Operation Humidity (RH)	10% - 95%			
Operation Temperature	-20°C ~ 50°C			
Serviceability	Front & Rear			