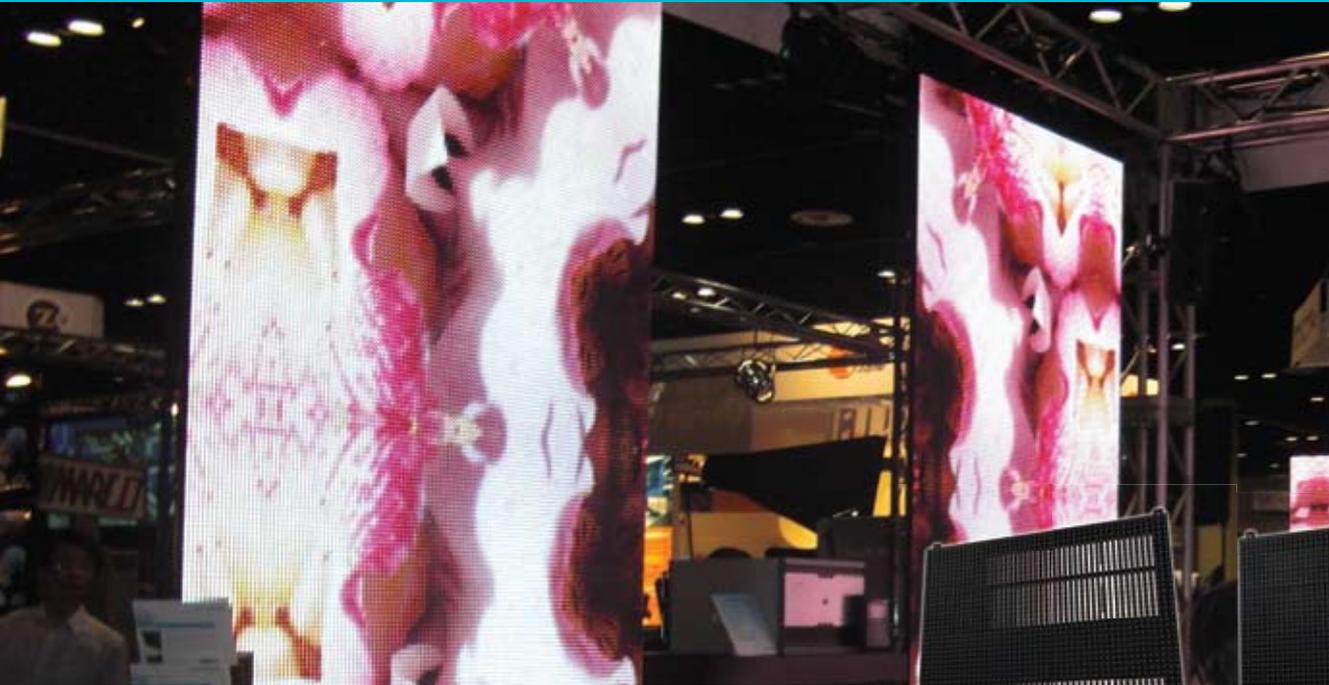


DuoLED

12mm & 18mm Rental Indoor/Outdoor SMD LED Mesh



With impressive versatility, a convenient user-experience, and outstanding performance, Lighthouse DuoLED panels are tailor-made to meet the unique needs of rental companies.

Available in two models - DuoLED 12 (12mm pixel pitch) and DuoLED 18 (18mm pixel pitch) - these panels enable rental businesses to get creative at the touch of a switch. Easily controlled from a switch at the rear of the panel, the shutter can be opened to provide transparency for DuoLED, and closed again for normal panel mode. Additionally, both can be deployed with 120/120 horizontal/vertical viewing angles.

With 5000nits brightness, they deliver stunning visuals, even in sunshine. To meet the demands of the rental business, DuoLED has also been designed with the user-experience in mind. IP65 on front and rear mean these weatherproof panels can stand the rigors of outdoor applications. AC input eliminates the need for power boxes and data boxes. Both panels are also lightweight and come with fast rigging and easy cable management for rapid deployment and removal.

Rental



TV shows



Concerts



Fashion shows



Specifications			
Visual Characteristics		DuoLED 12	DuoLED 18
Pixel Brightness	nit	5,000	
Viewing angle - Horizontal (50% brightness)	deg	120 (+60/-60)	
Viewing angle - Vertical (50% brightness)	deg	120 (+60/-60)	
Pixel type and configuration	R/G/B	SMD 3-in-1	
Pixel pitch	mm	12	18
Recommended minimum viewing distance	m	12	18
Colors	Trillion	281	
Contrast ratio		1,000 : 1	
Video frame rate	Hz	50/60	
Display refresh rate	Hz	100,000	
Input power frequency	Hz	50 to 60	
Aperture		35%	38%
Mechanical Characteristics			
DuoLED weight	kg	9.1	8.7
DuoLED width	mm	576	
DuoLED height	mm	576	
DuoLED depth	mm	115	
DuoLED material		Coated Aluminum	
Pixel matrix per DuoLED		48 x 48	32 x 32
Lines per meter		83	55
Pixels per sq. meter		6,944	3,086
Input power (max)	W	350	250
Input format		Proprietary SDI, RGBHV, YUV, YC, Composite	
Processing depth	bit	16	
Mounting system		Hanging structure / Ground stand	
Environmental			
Ingress protection (front/rear)	IP	IP65/IP65	
Operating temperature range	°C	-20 to +50	
Lifetime (50% brightness)	Hours	≥75,000	

* Lighthouse reserves the right to change any specifications without notice.

