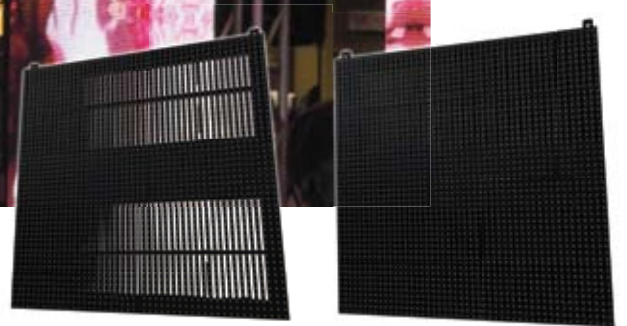
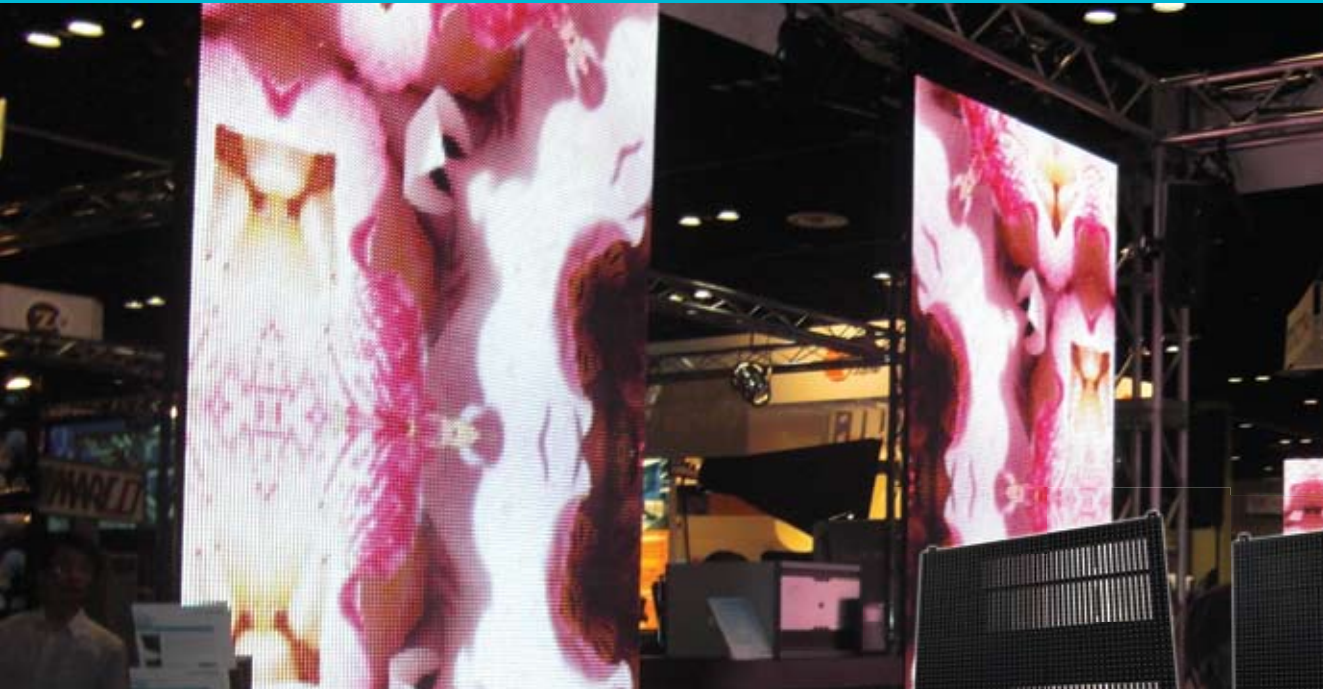


DuoLED

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.

