



alfalite®

LED DISPLAYS

Serie NEOPIX®



THE RENTAL AND VP XR LED PANEL
CHOSEN BY THE MOST DEMANDING PROFESSIONALS

www.alfalite.com

THE ANCHORING SYSTEM OF THE RENTAL COMPANIES

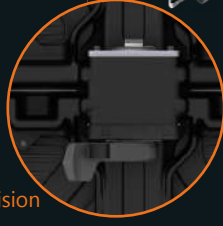
TOP FAST LOCK

Top Fast Locks
Automatics

Top Fast Lock
Hammer

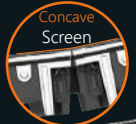
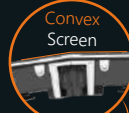


Maximum Mechanical Precision
Unbeatable Flatness



LATERAL FAST LOCK CURVED

- HIGH PROTECTION
- HIGHEST PRECISION
- LIGHTWEIGHT CHASSIS
- CURVE OPTION

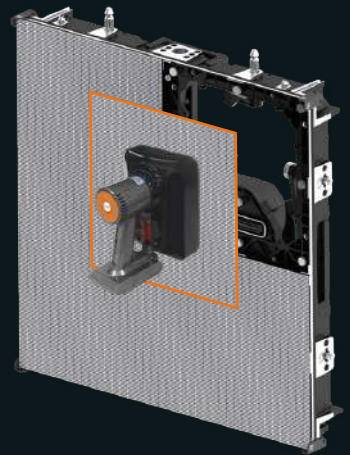


QUICK AND EASY MAINTENANCE

- Front and Rear access for maintenance
- Disassembly of modules or Powerbox **without tools**
- Precise installation thanks to the **precision of the positioners**
- A single replacement **module** is suitable for all 4 panel positions
- **MOM**: Module Replacement with **Unified Calibration**



- MODULAR DESIGN
- REPLACEMENT IN LESS THAN 90 SECONDS



Alfalite MATIX AlfaCOB®

MULTIPROPERTY OPTICAL MULTILAYER INJECTION CHIP ON BOARD

OPTIMISATION OF FEATURES

- (Matix) **Matte & Less Reflections**
- Extended viewing angle up to **175° horizontally and Vertically**
- **Higher Brightness** on the market
- Better **Chromatic and Light Uniformity**
- Ultra **Dark Contrast. Pure Blacks**

MAXIMUM TECHNICAL PRECISION

- Better Accuracy between Modules. **< 0.05mm**
- Improves **Light Distortion** at the joints of modules and panels
- Lower **Reflections and Glare**

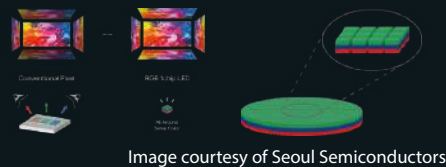


Image courtesy of Seoul Semiconductors



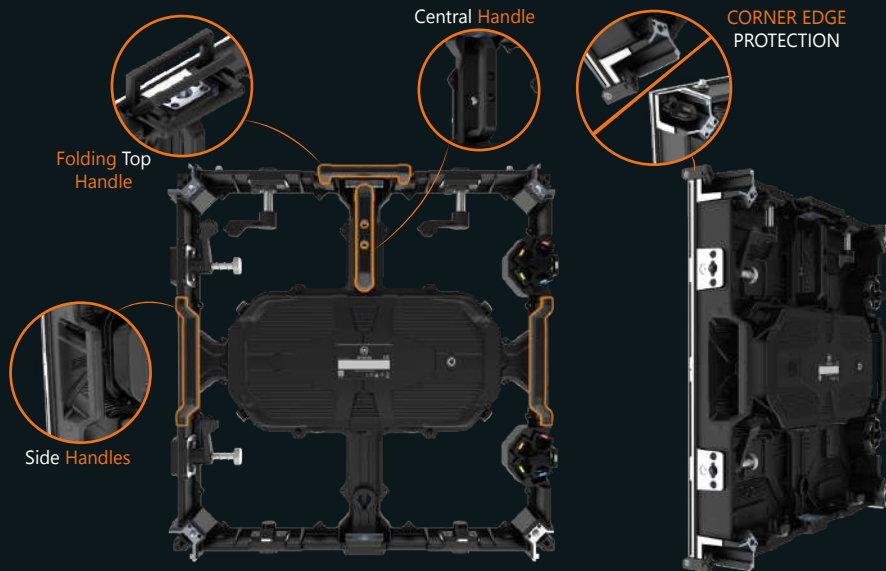
USER - FOCUSED

- Greater **Thermal Dissipation**
- **Static Electricity Protection** parameters **ESD > 10kV**
- Anti Blue Light **Visual Comfort**
- **Shortest Repair Time** on the market

GUARANTEED RELIABILITY

- Protection against **impacts, liquids** y **chemical agents**
- Lower **Consumption** on the market
- Better **Adhesion to the substrate (PCB)**
- **No discoloration** in intensive use

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NEOPIX CHASSIS

- Aluminium & Magnesium Injection Molding
- Corner Edge Protection & Autolock System
- Lateral Fast Lock With adjustable Curve -7.5° to +7.5°

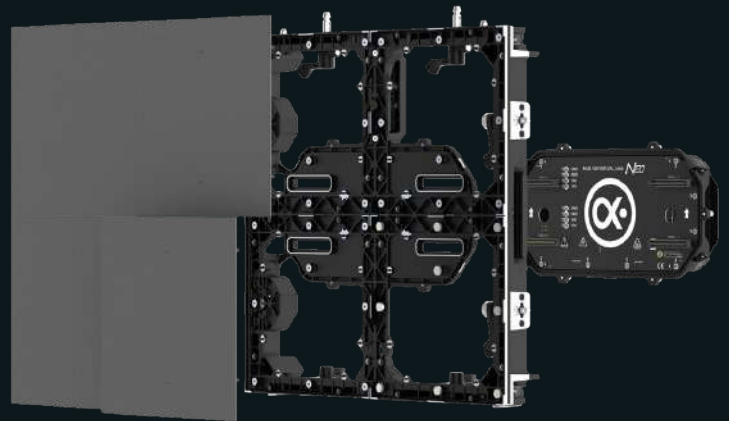
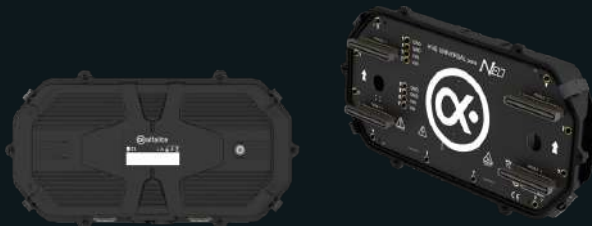
NEOPIX MODULES

- PCB Boards: 4/6 Layers & Gold Treatment in connections
- Common Cathode: Power Efficiency
- Optimum Viewing Angle ≤ Horizontal 175° - Vertical 175°
- Wider Color Gamut. 99% DCI P3 & 87% REC.2020
- Scan Rate: 1/8, 1/12 & 1/16
- Color Temperature (K): 3.200 - 10.000 Adjustable
- Contrast: 20.000:1 (25.000:1 MIP)

Quality, Reliability, Durability  INCREASED RESIDUAL VALUE

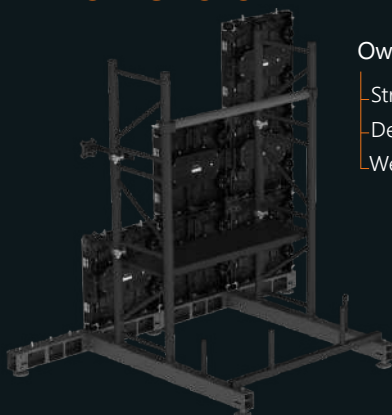
NEOPIX POWERBOX

- Without fans. Without noise
- Power Supply, Hub & Modules Wireless connected
- Backup System in Power Supply and Receiver Card Option
- Power Supply Failure Rate: ≤ 1:20.000



ACCESORIES FOR INSTALLATIONS

STACK SYSTEM



- Own Design and **Universal** Versatility
- Straight and Curved Screens
- Detachable System
- Weight Support



VERSATILE

Installation
DRAG and DROP

HANGING BAR



Compatible With all 500x500mm
Alfalite® Panels

Different Sizes



RESISTANT

FLOOR APPLICATIONS



- Polycarbonate
Tempered Glass
- Walk-through and Interactive



SUITABLE
FOR FLOORS

TRANSPORT



- Alfalite Flight Cases
- Maximum Protection
- Minimum Weight

CUTTING EDGE TECHNOLOGY, DESIGNED TO THRILL

PRODUCT SPECIFICATIONS

ALFALITE NEOPIX® SERIES							
NEOPIX INDOOR						NEOPIX OUTDOOR	
MODEL	NEOPIX 1.5	NEOPIX 1.9	NEOPIX 2.6	NEOPIX 2.9HB	NEOPIX 3.9HB	NEOPIX 2.9	NEOPIX 3.9
PIXEL PITCH (mm)	1.5	1.9	2.6	2.9HB	3.9HB	2.9	3.9
PANEL RESOLUTION (pixel)	320 x 320	256 x 256	192 x 192	168 x 168	128 x 128	168 x 168	128 x 128
MODULE RESOLUTION (pixel)	160 x 160	128 x 128	96 x 96	84 x 84	64 x 64	84 x 84	64 x 64
PANEL SIZE (mm)	500 x 500			500 x 500		500 x 500	
PIXEL CONFIGURATION	MATIX ALFACOB FLIP CHIP			RGB 3 IN 1 SMD		RGB 3 IN 1 SMD	
MODULE SIZE (mm)	250 x 250			250 x 250		250 x 250	
PANEL WEIGHT (kg) Aluminium/Magnesium	8.5 / 6.9			8.8 / 7.2		8.8/7.2	
BRIGHTNESS (cd/m²)	1.900			5.000		5.000	
REFRESH RATE (Hz)	7.680			3.840		3.840	
IP PROTECTION LEVEL (front/rear)	IP65 / IP22			IP65 / IP22		IP65	
AVERAGE POWER CONSUMPTION (W/panel)	35			45		45	
LIFESPAN (hours)	120.000			120.000		120.000	
CURVED VERSION	-1.5° / 0° / +1.5° / +3° / +6° (Configurable up to 7.5°)			-1.5° / 0° / +1.5° / +3° / +6° (Configurable up to 7.5°)		-5° / -2.5° / 0° / +2.5° / +5° (Configurable up to 7.5°)	

CERTIFICATIONS



* Technical Specifications can be flexible depending on the project
 ** CE and FCC certifications far exceed the values of the standard



P.I. Doña Paca. C/ Zalema, 2.
 21720 Rociana del Condado
 Huelva. SPAIN.

Website: www.alfalite.com
 info@alfalite.com
 Telf. 959 41 73 71

