

SEAMLESS CONNECTION

POWER & DATA REDUNDANCY DESIGN

MODULE, PSU TOTALLY FRONT ACCESS DESIGN



## KEY FEATURES

- ENERGY SAVING
- HIGH-DEFINITION DISPLAY
- IP RATING
- ANTI-OIL STAIN
- ANTISTATIC
- EASY MAINTENANCE
- ULTRA SLIM DESIGN
- ANTICOLLISION
- ANTIOXIDATION
- DUST PROOF



[www.newstar-led.com](http://www.newstar-led.com)



(86) 755 2946 9129

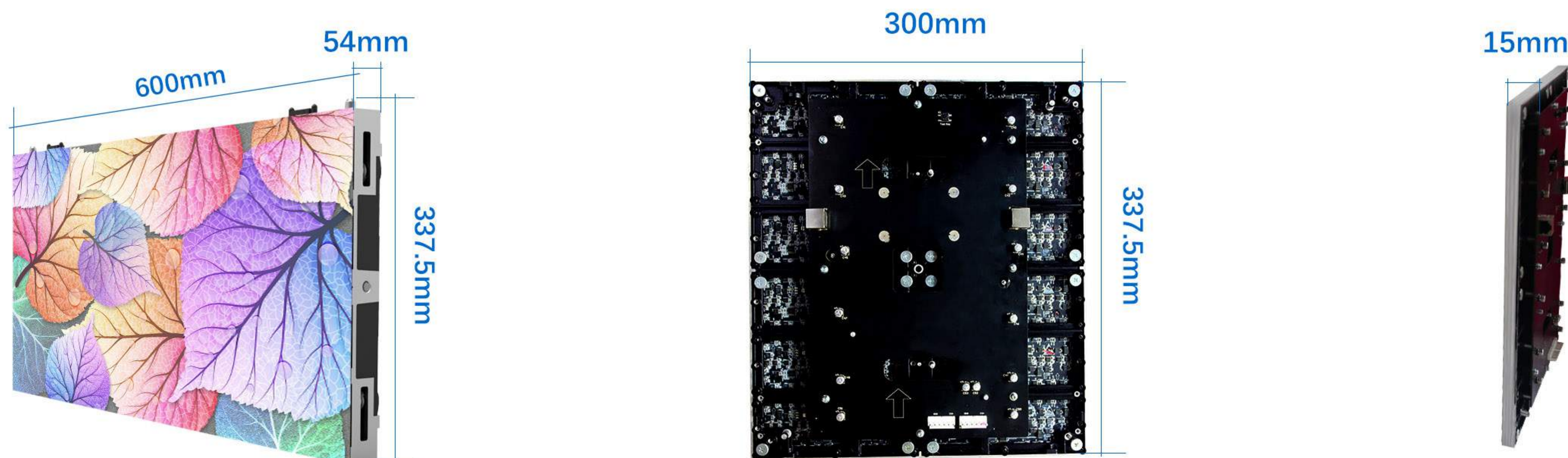


(86) 131 2896 3818



info@newstar-led.com

SHENZHEN NEWSTAR OPTOELECTRONICS CO., LTD  
No.10, Kukeng Ave., Tongfuyu Industry Park,  
Guanlan Str. Longhua District, Shenzhen City, China



|                       | ITEMS                                  | PARAMETERS                |                           |                           |
|-----------------------|--|---------------------------|---------------------------|---------------------------|
|                       |  |                           |                           |                           |
| Physical Parameters   | LED Configuration                      | MINI LED                  | SMD1010                   | SMD1010                   |
|                       | Pixel Pitch (mm)                       | 0.9375 (COB)              | 1.25 (COB)                | 1.562 (COB)               |
|                       | Module Resolution(dots)                | 320× 360                  | 240x270                   | 192x216                   |
|                       | Panel Resolution(dots)                 | 640× 360                  | 480x270                   | 384x216                   |
|                       | Driving Mode(Scan)                     | 30S                       | 30S                       | 36S                       |
|                       | Pixel Density ( dots /m <sup>2</sup> ) | 1,137,777                 | 640000                    | 409600                    |
|                       | Module Size (W x H x D) /( mm)         | 300x168.75x15             | 300x168.75x15             | 300x168.75x15             |
|                       | Panel Dimension (W x H x D) /( mm)     | 600x337.5x45              | 600x337.5x45              | 600x337.5x45              |
|                       | Panel Material                         | Die-casting Aluminum      | Die-casting Aluminum      | Die-casting Aluminum      |
|                       | Panel Module Composition(W xH)         | 2x1                       | 2x1                       | 2x1                       |
|                       | Panel Weight(Per/ kg)                  | 6.5                       | 6.5                       | 6.5                       |
|                       | Module Weight( Per/kg)                 | 0.5                       | 0.5                       | 0.5                       |
| Optical Processing    | Minimum Viewing Distance               | ≥0.9 m                    | ≥1.25 m                   | 0.5                       |
|                       | Cantrast                               | 4000:1                    | 4000:1                    | 4000:1                    |
|                       | Color processing (Bit)                 | 13bit to 14bit            | 13bit to 16bit            | 13bit to 16bit            |
|                       | Grey Level                             | 16384                     | 16384                     | 16384                     |
|                       | Refresh Rate (Hz)                      | ≥1920Hz-3840Hz            | ≥1920Hz-3840Hz            | ≥1920Hz-3840Hz            |
|                       | Brightness ( nit)                      | 700                       | 600                       | 600                       |
|                       | Viewing Angle ( H/V)                   | 170°/170°                 | 170°/170°                 | 170°/170°                 |
| Electrical Parameters | Input Voltage (V)                      | AC 110V-220V              | AC 110V-220V              | AC 110V-220V              |
|                       | Input Power Frequency (Hz)             | 50/60                     | 50/60                     | 50/60                     |
|                       | Max Power (W/m <sup>2</sup> )          | 700                       | 600                       | 450                       |
|                       | Average Power ( W/m <sup>2</sup> )     | 300                       | 250                       | 225                       |
| Operating Environment | Storage Temperature (°C)               | From -10 to 40            | From -10 to 40            | From -10 to + 40          |
|                       | Operating Temperature ( °C)            | From-20 to 50             | From-20 to 50             | From -20 to + 65          |
|                       | Storage Humidity (RH)                  | 10%~90%                   | 10%~90%                   | 10%~90%                   |
|                       | Operating Humidity (RH)                | 10%~90%                   | 10%~90%                   | 10%~90%                   |
|                       | IP Rating                              | IP3X/IP31                 | IP3X/IP31                 | IP3X/IP31                 |
|                       | Lifetime (hrs)                         | 100000                    | 100000                    | 100000                    |
|                       | Usage Environment                      | Indoor Fixed Installation | Indoor Fixed Installation | Indoor Fixed Installation |
|                       | Panel Maintenance Method               | Front Maintenance         | Front Maintenance         | Front Maintenance         |
| Certification         | CE/ RoHS/CCC/UL/ISO9001                |                           |                           |                           |



[www.newstar-led.com](http://www.newstar-led.com)

SHENZHEN NEWSTAR OPTOELECTRONICS CO., LTD  
 No.10, Kukeng Ave., Tongfuyu Industry Park,  
 Guanlan Str. Longhua District, Shenzhen City, China



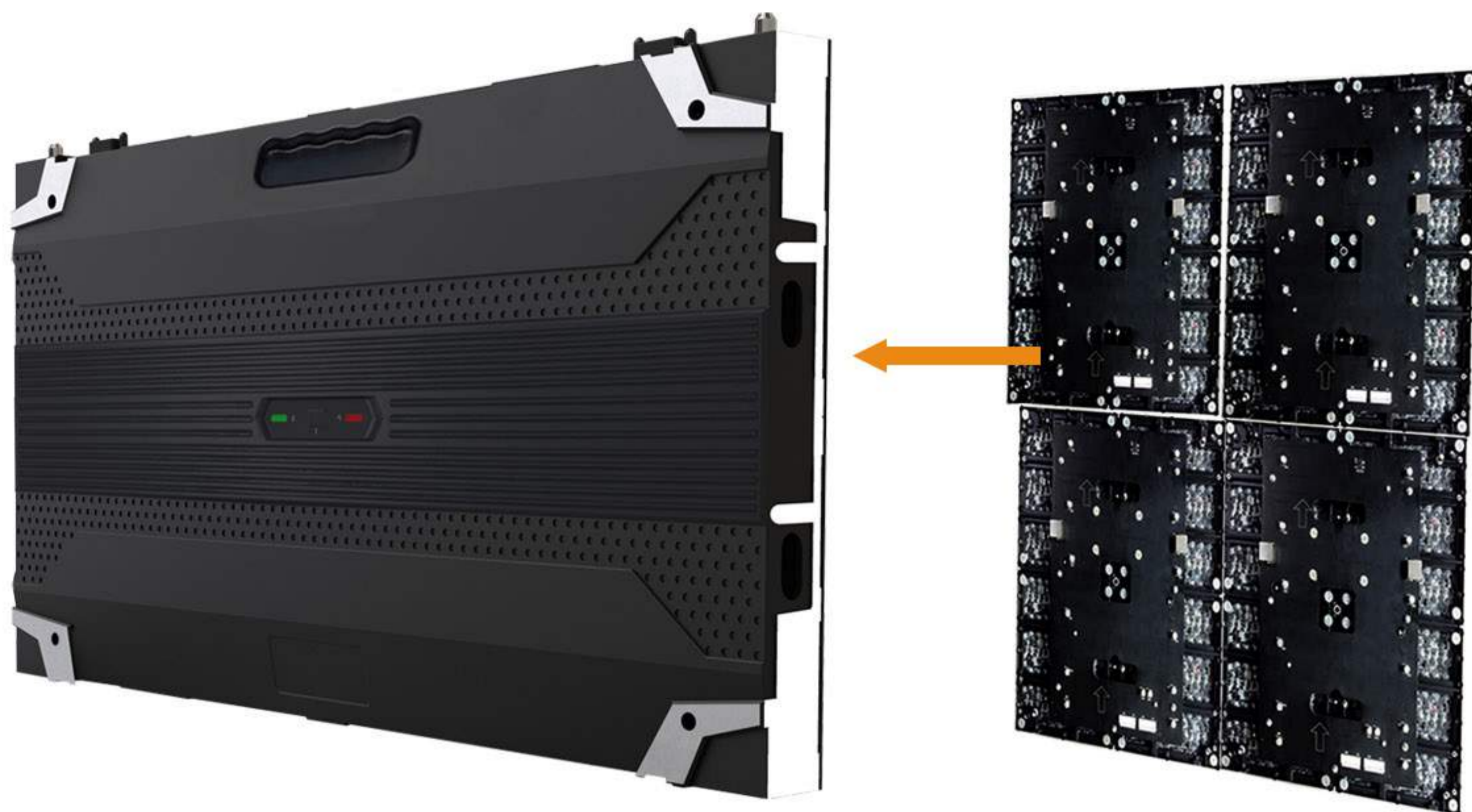
(86) 755 2946 9129



(86) 131 2896 3818

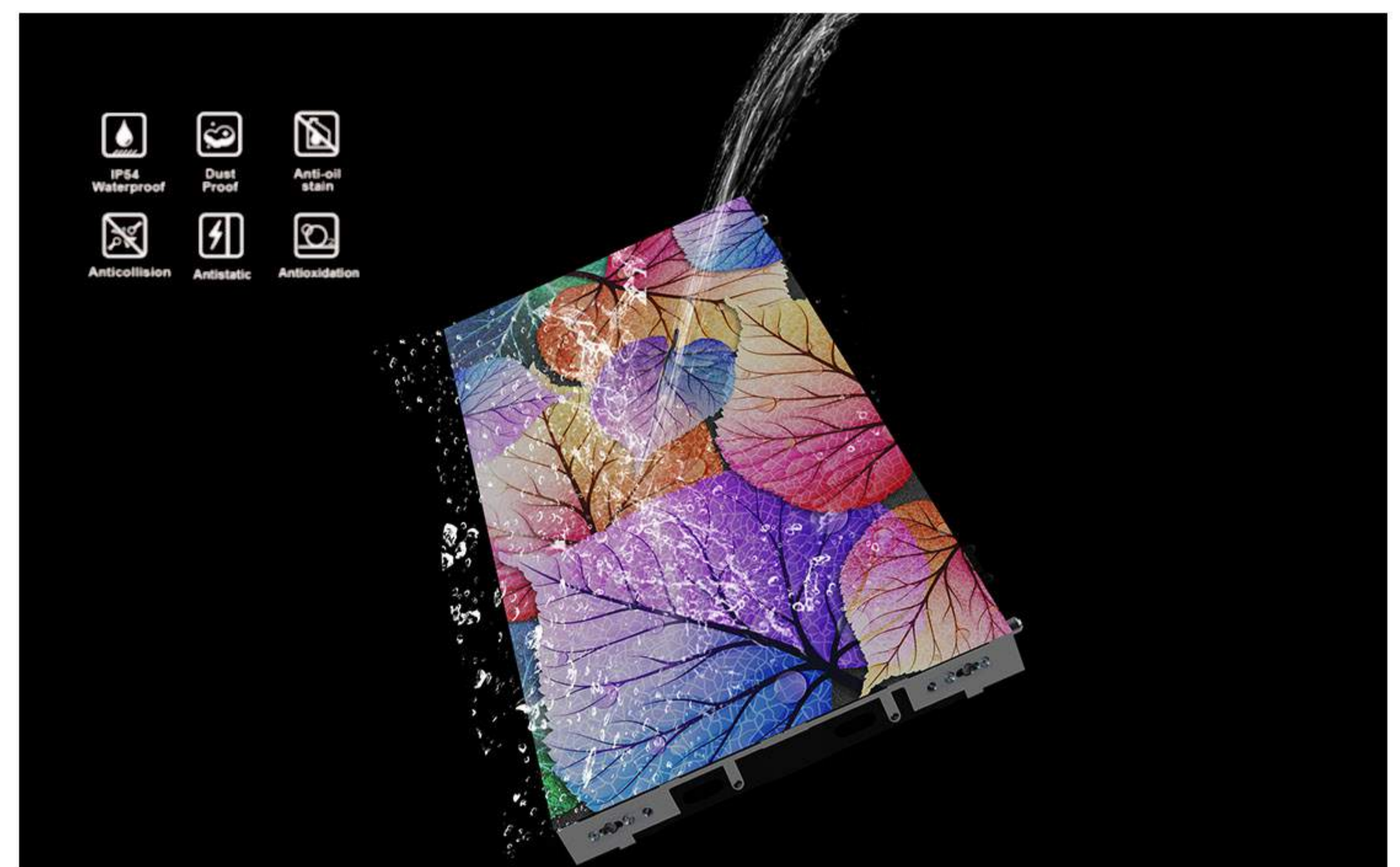


info@newstar-led.com



- CABLE FREE DESIGN
- FRONT ACCESS SERVICE
- QUICK INSTALLATION & EASY MAINTENANCE

- EXCELLENT HEAT DISSIPATION
- FLIP CHIP COB HIGH PROTECTIVE IN WATERPROOF,
- SHOCKPROOF, STATIC FREE & ANTI-OIL STAIN



- SEAMLESS CONNECTION PERFECT FOR LED VIDEO WALL
- SUPPORT MULTIPLE INSTALLATION WAYS



[www.newstar-led.com](http://www.newstar-led.com)



(86) 755 2946 9129

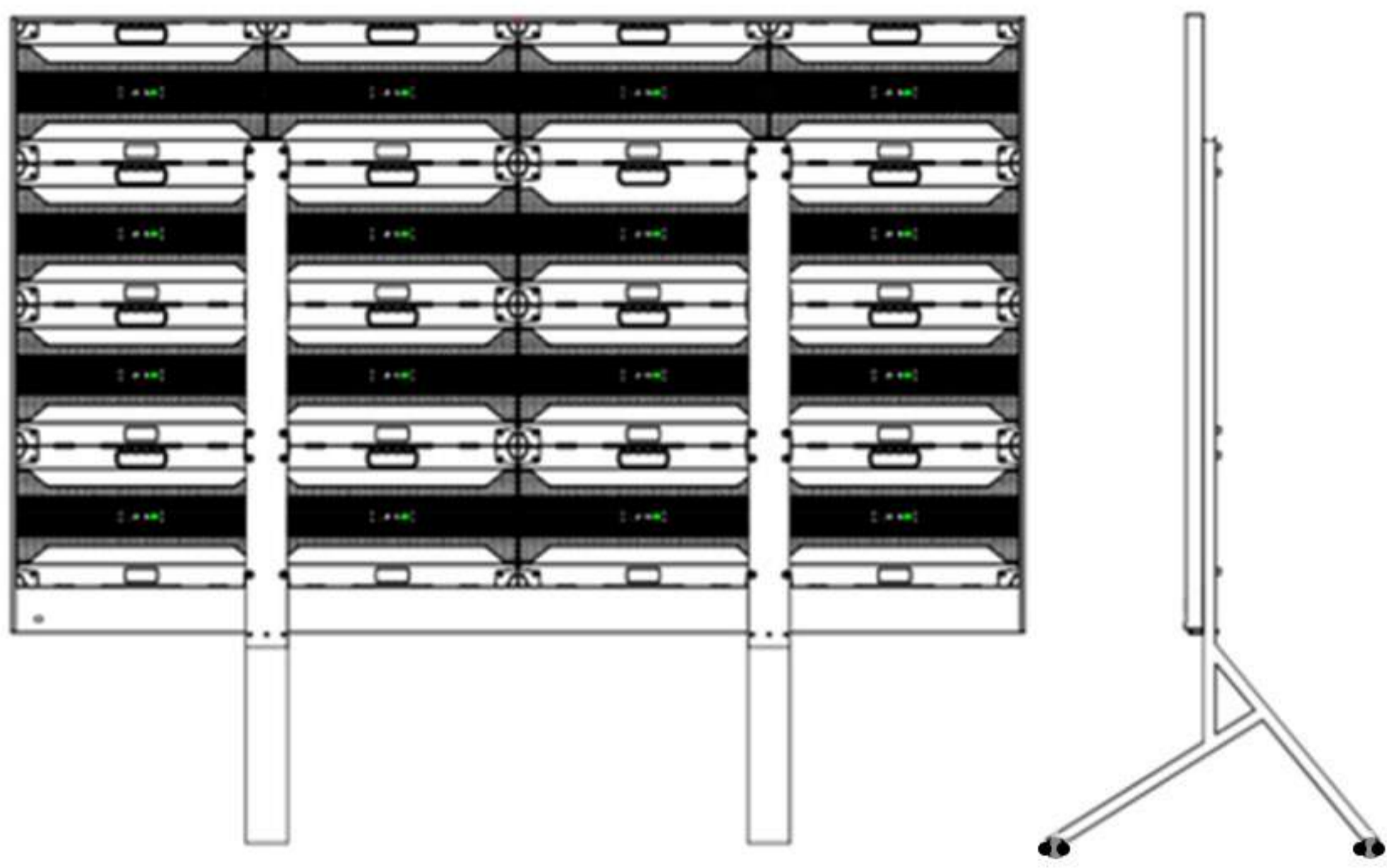


(86) 131 2896 3818

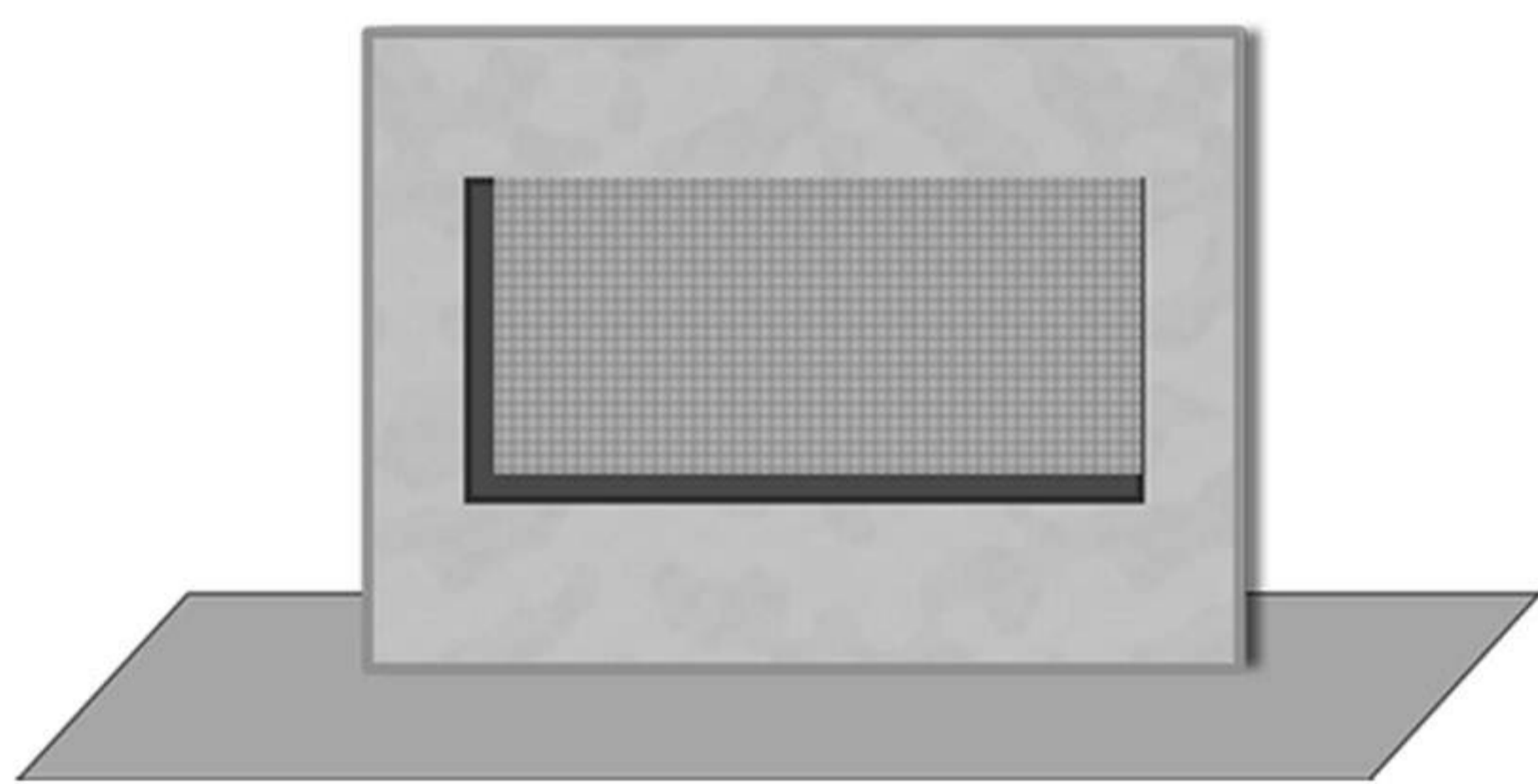


info@newstar-led.com

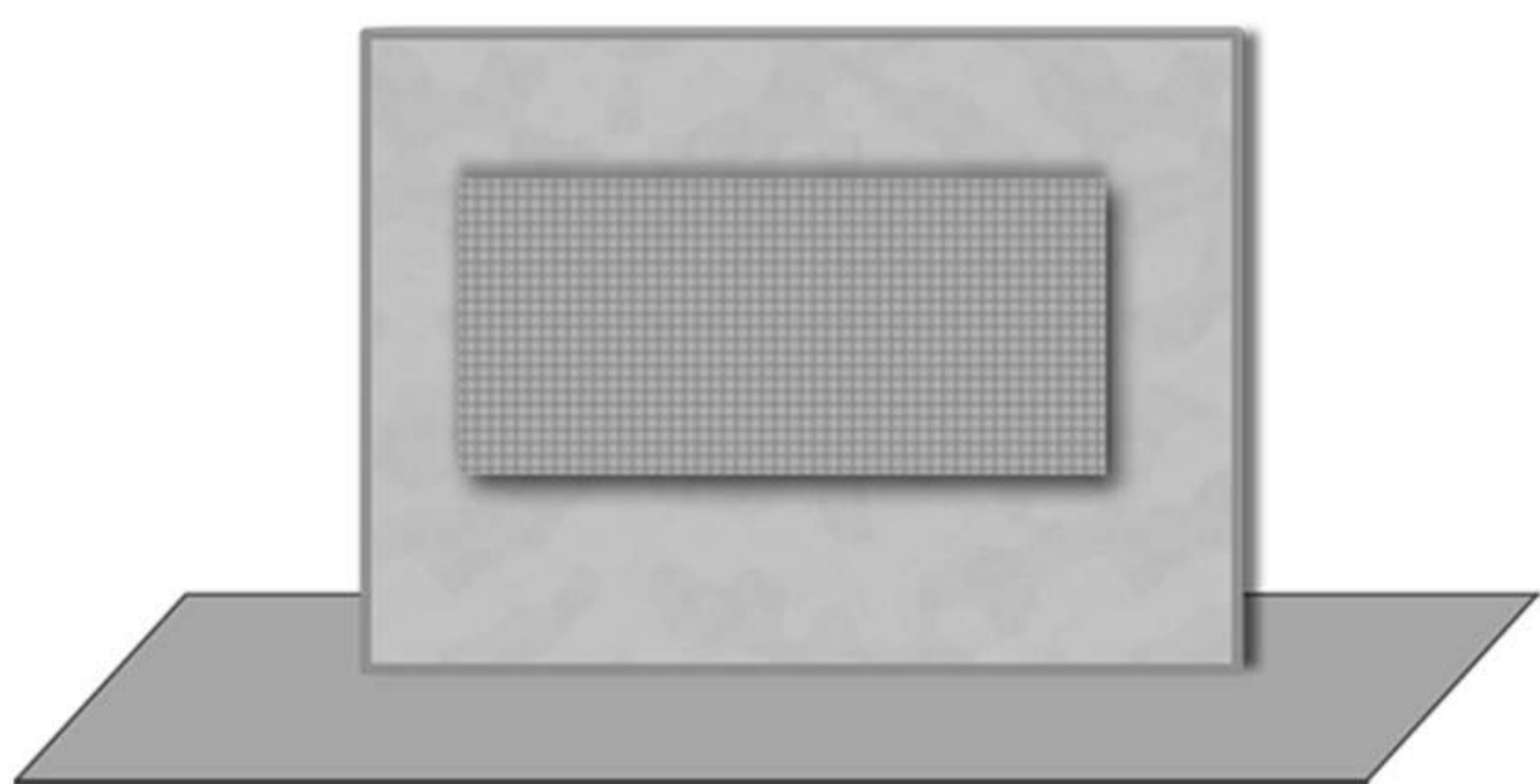
SHENZHEN NEWSTAR OPTOELECTRONICS CO., LTD  
No.10, Kukeng Ave., Tongfuyu Industry Park,  
Guanlan Str. Longhua District, Shenzhen City, China



MOBILE ALL-IN-ONE MACHINE INSTALLATION



EMBEDDED INSTALLATION



WALL-MOUNTED INSTALLATION



STACKING INSTALLATION



[www.newstar-led.com](http://www.newstar-led.com)



(86) 755 2946 9129



(86) 131 2896 3818

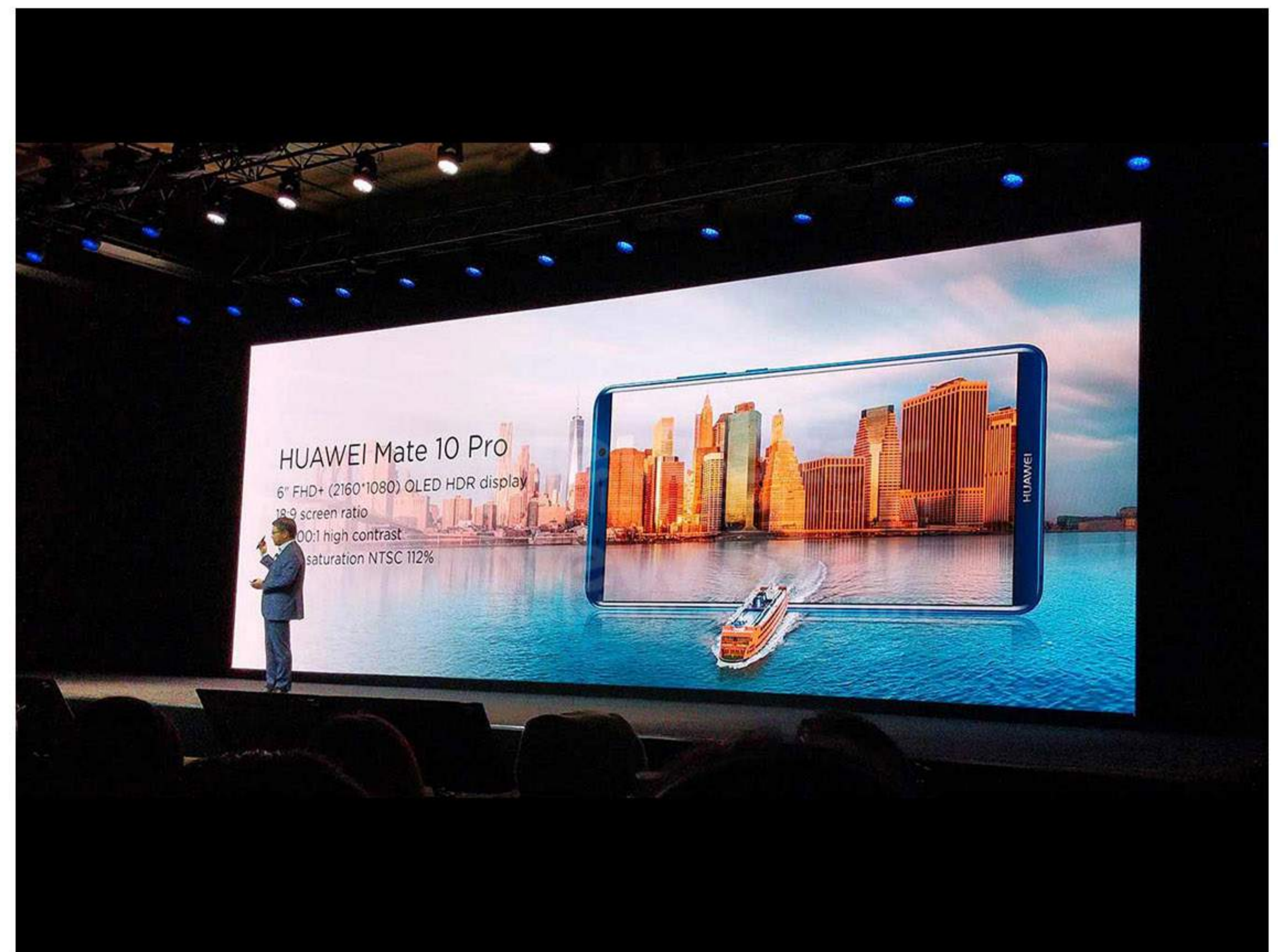


info@newstar-led.com

SHENZHEN NEWSTAR OPTOELECTRONICS CO., LTD



No.10, Kukeng Ave., Tongfuyu Industry Park,  
Guanlan Str. Longhua District, Shenzhen City, China



[www.newstar-led.com](http://www.newstar-led.com)



(86) 755 2946 9129



(86) 131 2896 3818



info@newstar-led.com

SHENZHEN NEWSTAR OPTOELECTRONICS CO., LTD



No.10, Kukeng Ave., Tongfuyu Industry Park,  
Guanlan Str. Longhua District, Shenzhen City, China