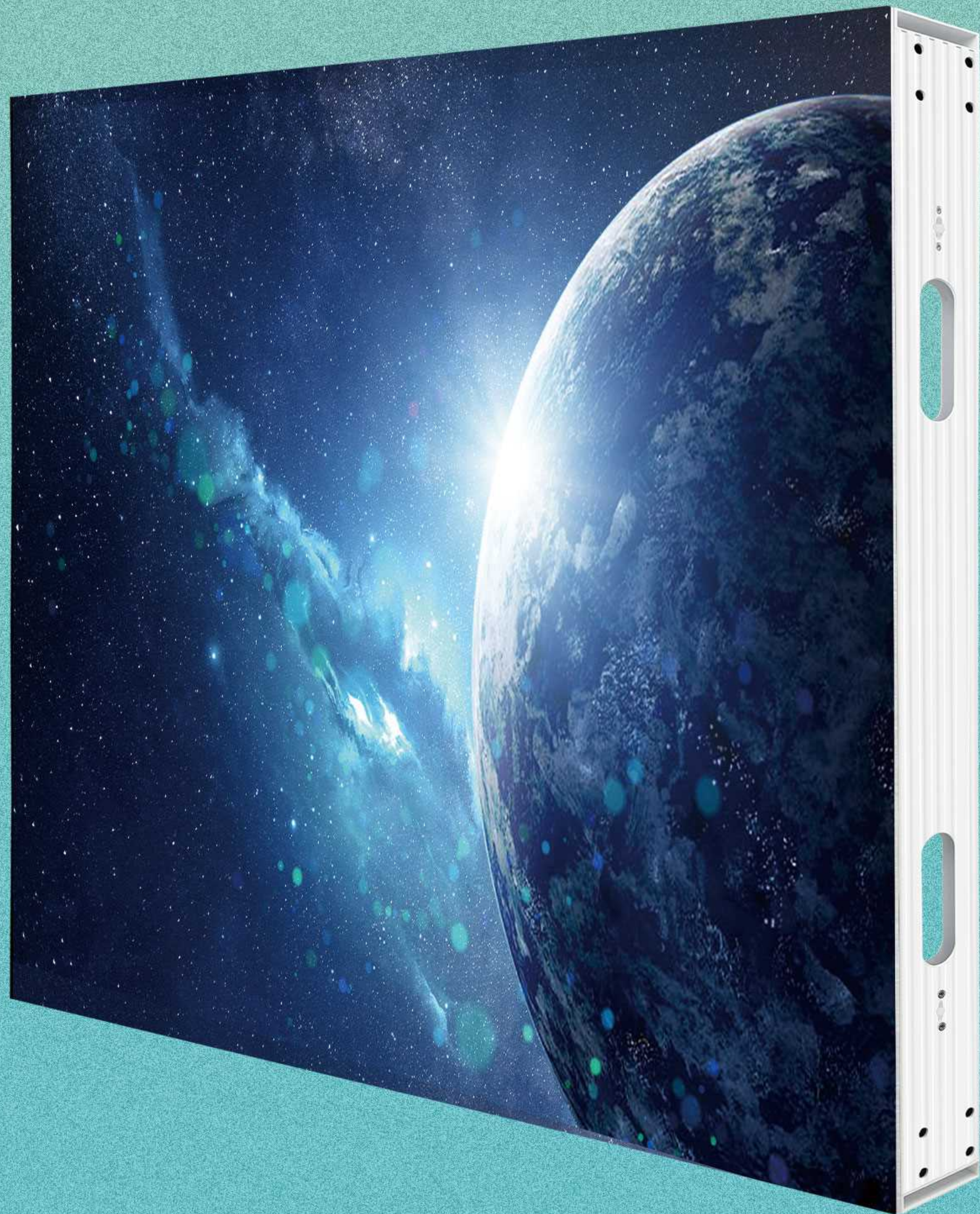


UT

Common Cathode Outdoor LED Display
P5.7 | P10



Features

- The LED module can be removed by turning the lock cylinder to open its side lock. It can be taken out directly from the front of the display or from the back of the LED cabinet. Realize the front and rear maintenance of LED modules, power boxes, receiving cards, etc.
- Offers 5000-10000cd/sqm brightness options. Thanks to BAITRONICS' common cathode technology, low power consumption and energy saving are always maintained, even when used at maximum brightness.
- The LED module and the power box are independently waterproof, and the edge is beveled and has the function of removing water. The car waterproof rubber strip is used around, and the inner and outer double-layer rubber strip waterproof design.
- The structure of BAITRONICS UT is easy to install, which can save 40% of the steel structure in the installation of outdoor LED display, and does not need the heavy steel structure frame like the traditional display. Save a lot of material and labor costs.
- The mask is based on a custom design of BAITRONICS patented LED modules, allowing a single light source to naturally emit maximum light at both horizontal and vertical angles and maintain a 140-degree viewing angle throughout the outdoor LED display.
- "Common cathode" is actually an energy-saving technology for LED display. Due to the different working voltages and currents required by the R, G, B (red, green, blue) lamp beads, the current in the common cathode power supply mode will first pass through the lamp beads and then to the IC cathode. Reduce the forward voltage drop, reduce the on-resistance, and achieve the purpose of energy saving.



Thin and Light LED Cabinets

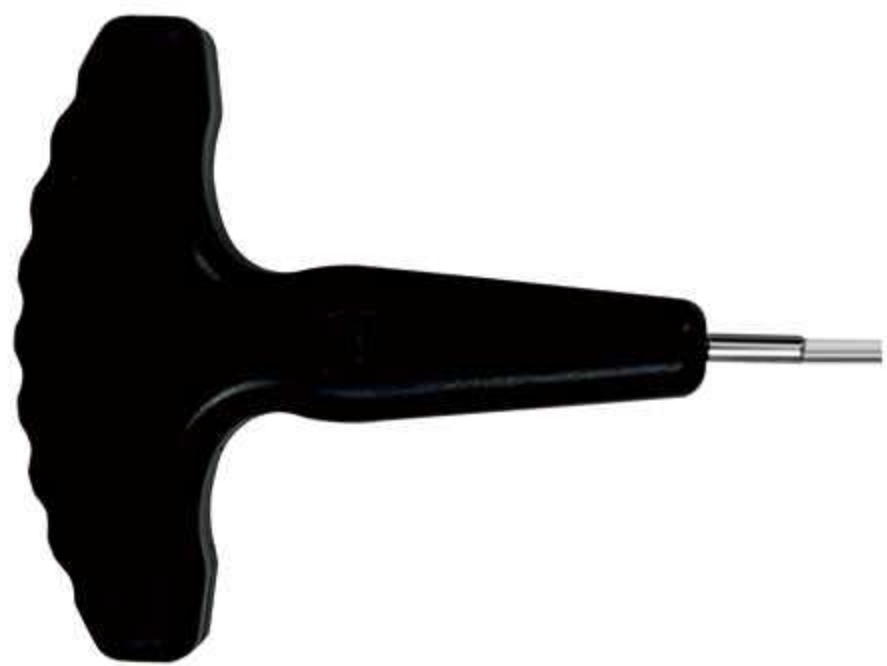
BAITRONICS UT is the latest outdoor LED display from DOOH. A single LED module weighs 2kg and measures 480mm*320mm, with a total of 6 pieces. A single LED cabinet weighs only 26kg and has a thickness of 75mm. It can be installed without complicated structure, and it can be easily installed against the wall with only some square pipes.



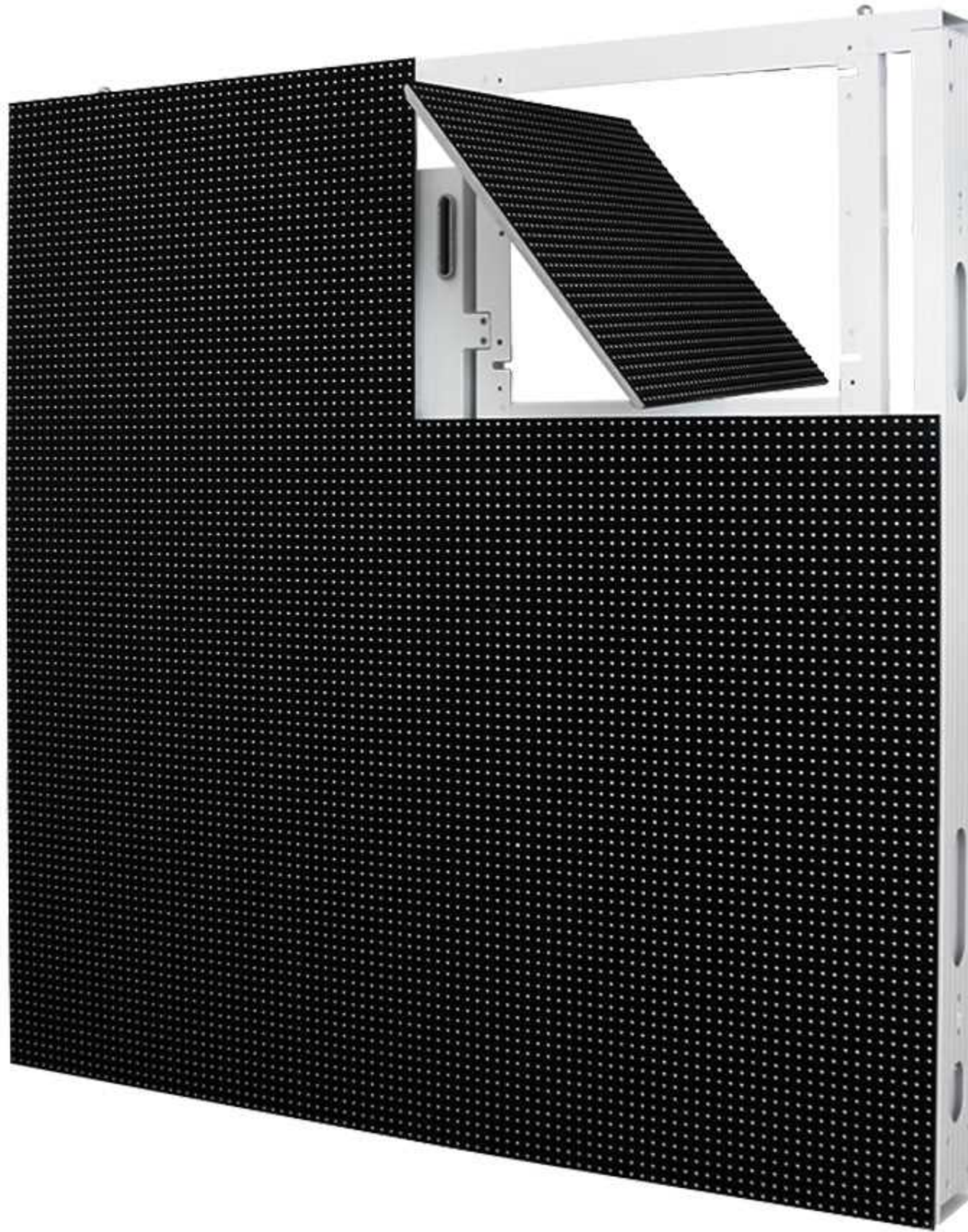
Weight 26kg

Front and Rear Maintenance

BAITRONICS UT features a unique T-tool design for faster and more stable maintenance and installation.

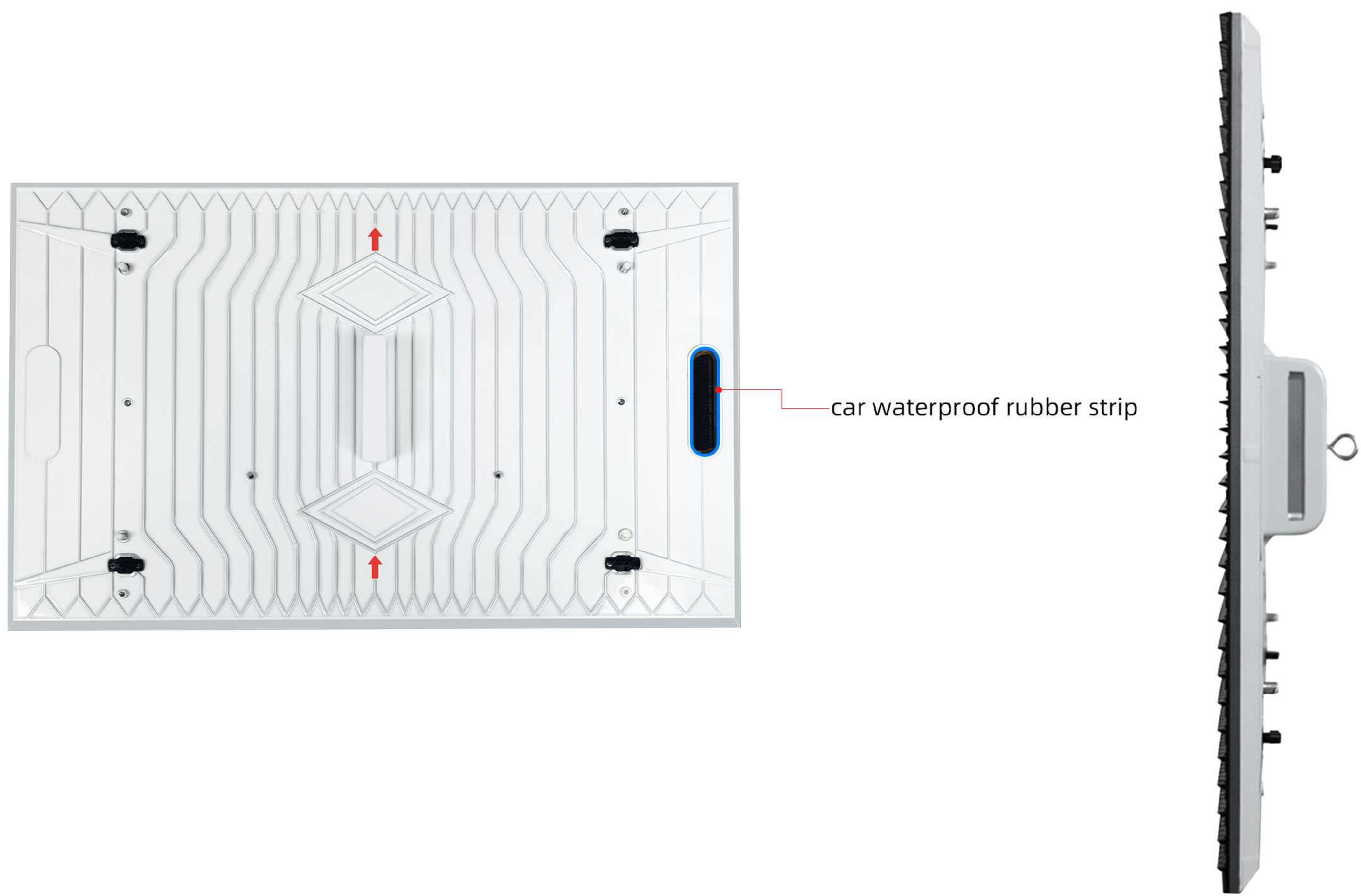


T-tool



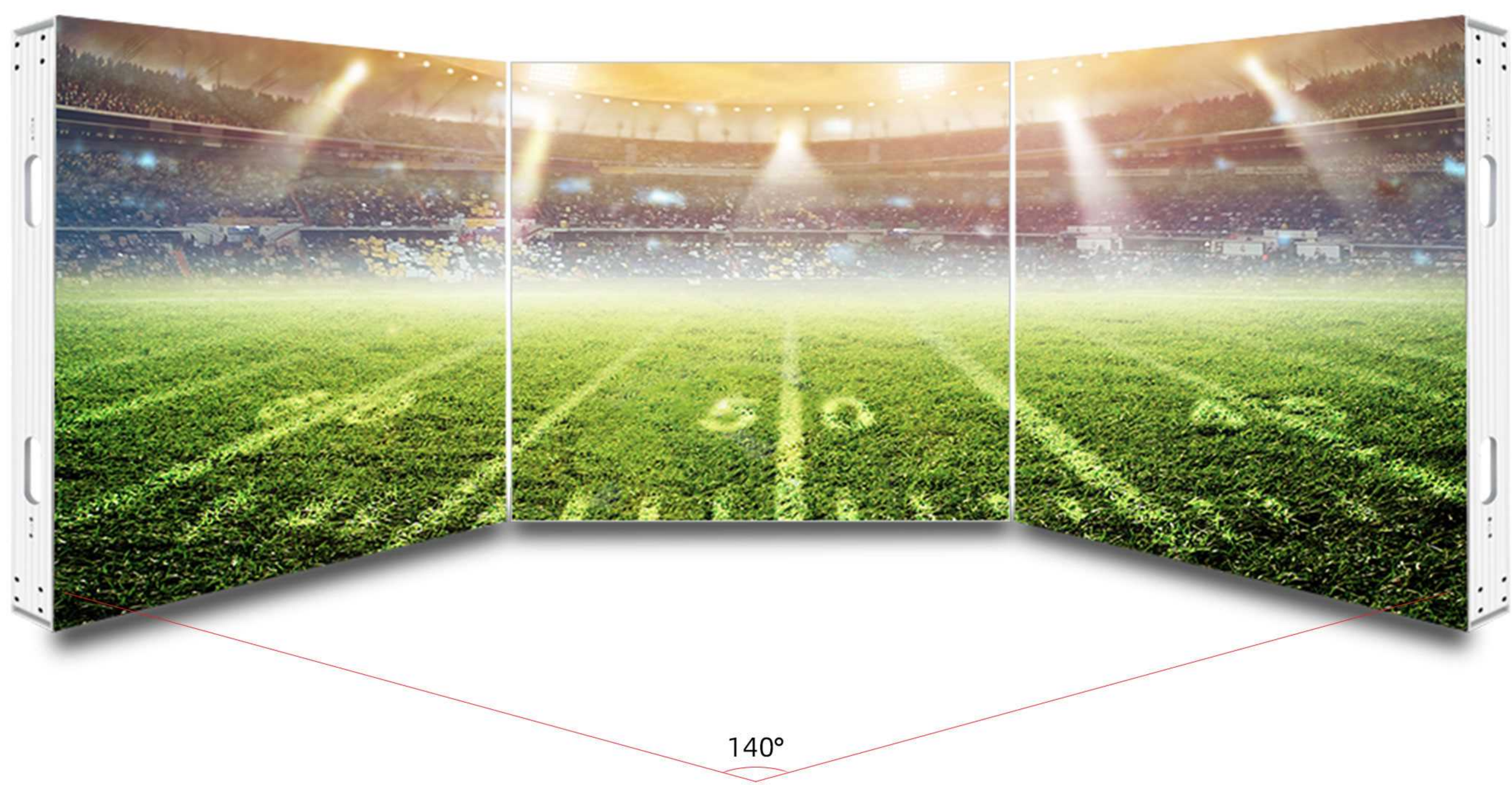
Dual Waterproof Design

The LED module and the power box are independently waterproof, and the edge is beveled and has the function of removing water. The car waterproof rubber strip is used all around, and the inner and outer double-layer rubber strip waterproof design ensures that the rainwater will not penetrate into the display screen from any angle.



140 Degree Large Viewing Angle

The mask is based on a custom design of BAITRONICS patented LED modules, allowing a single light source to naturally emit maximum light at both horizontal and vertical angles and maintain a 140-degree viewing angle throughout the outdoor LED display.



Applications



Specification

Model	UT-P4.4	UT-P5.7	UT-P6.6	UT-P8	UT-P10
Pitch(mm)	4.4mm	5.7mm	6.6mm	8mm	10mm
Type	SMD1921	SMD2727	SMD2727	SMD2727	SMD3535
Density(dots)	50625(dots/m²)	30628(dots/m²)	22500(dots/m²)	15625(dots/m²)	10000(dots/m²)
Module Size(mm)	480mm X 320mm	480mm X 320mm	480mm X 320mm	480mm X 320mm	480mm X 320mm
Module Resolution(dots)	108*72=7776	84*56=4704	72*48=3456	60*40=2400	48*32=1536
Module Weight(Kg)	2Kg	2Kg	2Kg	2Kg	2Kg
Cabinet Size(mm)	960×960×75	960×960×75	960×960×75	960×960×75	960×960×75
Cabinet Resolution(dots)	216×216	168×168	144×144	96×96	96×196
Cabinet Weight(Kg)	26Kg Aluminum Frame	26Kg Aluminum Frame	26Kg Aluminum Frame	26Kg Aluminum Frame	26Kg Aluminum Frame
Modules Qty/ Cabinet （W×H）	2×3	2×3	2×3	2×3	2×3
Installation Way	Fixed Installation	Fixed Installation	Fixed Installation	Fixed Installation	Fixed Installation
Got EMC Standard	CE,ROHS,FCC.EMC	CE,ROHS,FCC.EMC	CE,ROHS,FCC.EMC	CE,ROHS,FCC.EMC	CE,ROHS,FCC.EMC
Cabinet Material	Aluminum Frame	Aluminum Frame	Aluminum Frame	Aluminum Frame	Aluminum Frame
Cabinet Evenness(mm)	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3
IC Driver	3840HZ	3840HZ	3840HZ	3840HZ	3840HZ
Scan	1/9	1/7	1/6	1/4	1/4
Brightness	≥5000-10000 （cd/m²）	≥6000-10000 （cd/m²）	≥6000-8000 （cd/m²）	≥6000-10000 （cd/m²）	≥6000-10000 （cd/m²）
Ave.Power Comsumption	≤700(W/m²)	≤680(W/m²)	≤700(W/m²)	≤650(W/m²)	≤650(W/m²)
Max.Power Comsumption	≤250(W/m²)	≤250(W/m²)	≤235(W/m²)	≤200(W/m²)	≤200(W/m²)
Viewing Angle	Hor. 140°&Vert. 120°				
Single Dot brightness adjustment	YES				
Single Dot Colorful adjustment	YES				
Input Voltage	200~240 V				
Waterproof Level	IP65 waterproof				
Maintenance Way	Front and Rear				
LED Module Gap	< 0.3mm				
Greyscale	> 65536 greyscale				
Colorful Process Bit	16bit				
Weight	≤28.5kg/m²				
Frame Rate	≥60Hz				
Lifespan （hrs）	100,000hours				
Contrast Ratio	3000:1				
Control System	NOVA/LINSN/MOOCCELL/COLORLIGHT				
Work Temperature/ Humidity （℃/RH）	-10℃ ~ 50℃ / 10%RH ~ 98%RH				
Storage Temperature / Humidity （℃/RH）	-40℃ ~ 85℃ / 10%RH ~ 98%RH				