# WAFER ARC SERIES

Expanding creativity with our new lightweight customizable ultra flex module

#### True Curve

Bendable soft modules that get you a true curve

#### Concave and Convex

Panels are customized to fit virtually any concave and convex applications

#### Easy Serviceability

Magnetic modules with easy front service









## **Advanced Features**

#### Supports Customization of Different Shapes

Various customizable shapes (concave/convex/wave/cylinder) according to customer needs to help customers showcase their creativity.





Cylinder

#### **Other Shapes**

#### Ready-to-use Panel Delivery Ensures Easy Use

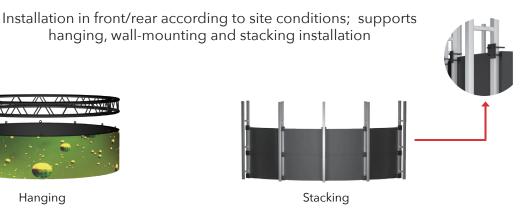
Complete ready-to-use panel delivery and strong magnets support fast installation and front/rear maintenance



ZN

Supports front maintenance of module, receiving card and PSU

#### **Flexible Installation**



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## **Advanced Features**

#### Easy to Bend for Convenient Use

The soft module is less than 2cm thick and can bend to 120 degree and fits almost all curved surfaces

≤2cm Thickness of Soft module ≤200g Weight of One Module ≤120° Wide Angle Bending

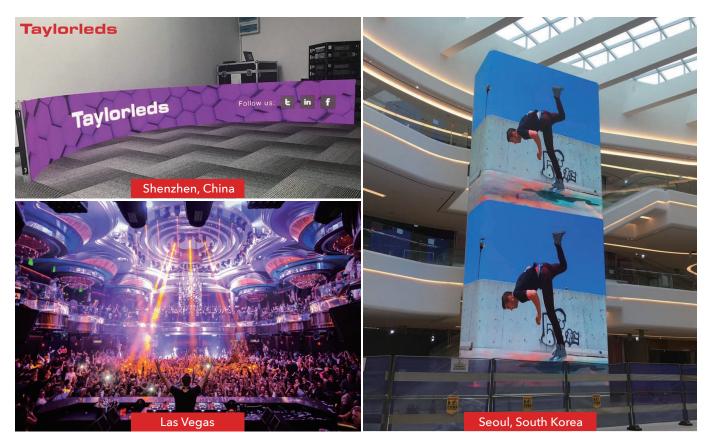
10,000 times Bending Test





#### **Application scenarios**

WA Series can help create a three-dimensional effect and atmosphere.



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# Specifications

LED TypeBlack SMD151Black SMD151Black SMD151Black SMD151Black SMD151Black SMD151Black SMD151SMD151Fikel Frich (m)1.8752.02.53.0Fikel Parel512.256480.2403.84.1923.0Facel Weight (kg)3.03.03.03.0Parel Weight (kg)3.03.03.03.0Facel Metrial2.00.1202.00.1202.00.1202.00.120Rightens (nit)3.008.008.008.00Rightens (nit)3.003.003.003.00Gray scale (hit)1.41.41.41.4Charts Rate (H2)4.00.14.00.14.00.14.00.1Gray scale (hit)1.00.14.00.14.00.14.00.14.00.1Charts Rate (H2)4.00.14.00.14.00.14.00.14.00.1Charts Rate (H2)6.00.16.00.16.00.16.00.16.00.1Charts Rate (H2)6.00.16.00.16.00.16.00.1 <th>Parameters</th> <th>WA1.8</th> <th>WA2.0</th> <th>WA2.5</th> <th>WA3.0</th>	Parameters	WA1.8	WA2.0	WA2.5	WA3.0
Part Difference     Péox 480x70     Stele       Fixel Per Panel     512x256     480x20     384 x192     320x160       Panel Weight (kg)     30     30     30     30       Panel Material     Steel     Verticit     240x120     240x120     240x120     240x120     800     800       Brightness (nt)     800     800     800     800     800     800       Gray scale (bit)     14     14     14     14     14     14     14     14     14     14     14     14     160/160     16	LED Туре	Black SMD1515	Black SMD1515	Black SMD1515	Black SMD1515
(W+H*D)(mm)     960×480x/0     320×160       Pixel Per Panel     512x256     480×20     30     30     30     30       Panel Weight (kg)     30     30     240×120     240×120     240×120     240×120     240×120     240×120     240×120     240×120     260×120	Pixel Pitch (mm)	1.875	2.0	2.5	3.0
Panel Weight (kg)     30     30     30     30       Panel Material     5teel       Module Dimensions (WxH)/(mm)     240×120     240×120     240×120     240×120     240×120       Brightness (nit)     800     800     800     800     800       Refresh Rate (Hz)     >2400     >2400     >3840     >3840       Gray scale (bit)     14     14     14     14       Cohorst Ratio     4000:1     4000:1     4000:1     4000:1       Kewing Angle (H/V) (*)     160/160     160/160     160/160     160/160       Coperating Voltage (V)     100-240     100-240     100-240     100-240       Mexer Consumption (Max./Ag.)(W/m)     540/180     540/170     510/170       Storage Temperature (*C)     -10+40     -10+40     -10+40       Pating (Front/Rear)     1P40/IP21     IP40/IP21     IP40/IP21       LED Lifetime (H)     100000     100000     100000     100000       Foot     Front     Front     Front     Front       Flating (Front/Rear)		960×480×70	960×480×70	960×480×70	960×480×70
Panel Material     Steel       Module Dimensions (WxH)/(mm)     240×120     240×120     240×120     240×120     240×120       Brightness (nit)     800     800     800     800     800     800       Refresh Rate (Hz)     ≈2400     ≈2400     ≈3840     ≈3840     ≈3840     >3840       Gray scale (bit)     14	Pixel Per Panel	512x256	480×240	384×192	320×160
Module Dimensions     240×120     240×120     240×120     240×120       Brightness (nit)     800     800     800     800       Refresh Rate (Hz)     >2400     >2400     >3840     >3840       Gray scale (bit)     14     14     14     14       Contrast Ratio     4000:1     4000:1     4000:1     4000:1       Color Temperature (K)     6500     6500     6500     6500       Viewing Angle (H/V) (*)     160/160     160/160     160/160     100-240       AC Operating Voltage (V)     100-240     100-240     100-240     100-240       Fower Consumption fower Consumption fowar/Arg.)(W/m³)     540/180     540/180     540/170     510/170       Storage Temperature (*C)     -40-+60     -40-+60     -40-+60     -40-+60       IP Rating (Front/Rear)     IP40/IP21     IP40/IP21     IP40/IP21     IP40/IP21       IE DL Lifetime (H)     100000     100000     100000     100000     100000       Sto A Others Maintenance     Front     Front     Front     Front     Front	Panel Weight (kg)	30	30	30	30
(WxH)/(mm)     240×120     240×120     240×120     240×120       Brightness (nit)     800     800     800     800       Refresh Rate (Hz)     >2400     >3840     >3840       Gray scale (bit)     14     14     14     14       Contrast Ratio     4000:1     4000:1     4000:1     4000:1       Color Temperature (K)     6500     6500     6500     6500       AC Operating Voltage (V)     100-240     100-240     100-240     100-240       Power Consumption (Max./Avg.) (W/m²)     540/180     540/180     540/170     510/170       Storage Temperature (°C)     -40-+60     -40-+60     -40-+60     -40-+60       Operating Temperature (°C)     -10-+40     -10-+40     -10-+40       IP Rating (Front/Rear)     IP40/IP21     IP40/IP21     IP40/IP21       LED Lifetime (H)     100000     100000     100000     100000       Module Maintenance     Front     Front     Front     Front       Pauel Installation Type     /     /     /     /     / </td <td>Panel Material</td> <td colspan="4">Steel</td>	Panel Material	Steel			
Refresh Rate (Hz)     ≥2400     ≥3840     ≥3840       Gray scale (bit)     14     14     14     14       Contrast Ratio     4000:1     4000:1     4000:1     4000:1       Color Temperature (K)     6500     6500     6500     6500       Viewing Angle (H/V) (°)     160/160     160/160     160/160     160/160       AC Operating Voltage (V)     100-240     100-240     100-240     100-240       forwar. Consumption (Max./Avg.)(W/m²)     540/180     540/180     540/170     510/170       Storage Temperature (°C)     -40-+60     -40-+60     -40-+60     -40-+60       Operating Temperature (°C)     -10-+40     -10-+40     -10-+40     100-240       IP Rating (Front/Rear)     IP40/IP21     IP40/IP21     IP40/IP21     IP40/IP21       LED Lifetime (H)     100000     100000     100000     100000       Module Maintenance     Front     Front     Front     Front       Psu & Others Maintenance     Front     Fixed     /     /       Pauel Installation Type     / <td></td> <td>240×120</td> <td>240×120</td> <td>240×120</td> <td>240×120</td>		240×120	240×120	240×120	240×120
Gray scale (bit)     14     14     14     14       Contrast Ratio     4000:1     4000:1     4000:1     4000:1       Color Temperature (K)     6500     6500     6500     6500       Viewing Angle (H/V) (*)     160/160     160/160     160/160     160/160       AC Operating Voltage (V)     100–240     100–240     100–240     100–240       Power Consumption (Max,/Avg.)(W/m*)     540/180     540/180     540/170     510/170       Storage Temperature (°C)     -40~+60     -40~+60     -40~+60     -40~+60       Operating Temperature (°C)     -10+40     100-40     10-40     10-40       IP Rating (Front/Rear)     IP40/IP21     IP40/IP21     IP40/IP21     IP40/IP21       LED Lifetime (H)     100000     100000     100000     100000     100000       PSU & Others Maintenance     Front     Front     Front     Front     Front       Panel Installation Type     /     /     /     /     /     /	Brightness (nit)	800	800	800	800
Contrast Ratio     4000:1     4000:1     4000:1       Color Temperature (K)     6500     6500     6500     6500       Viewing Angle (H/V) (°)     160/160     160/160     160/160     160/160       AC Operating Voltage (V)     100~240     100~240     100~240     100~240       Power Consumption (Max./Avg.) (W/m²)     540/180     540/180     540/170     510/170       Storage Temperature (°C)     -40~+60     -40~+60     -40~+60     -40~+60       Operating Temperature (°C)     -10~+40     -10~+40     -10~+40       IP Rating (Front/Rear)     IP40/IP21     IP40/IP21     IP40/IP21       LED Lifetime (H)     100000     100000     100000     100000       Module Maintenance     Front     Front     Front     Front       Fixed     I/V     /     /     /	Refresh Rate (Hz)	≥2400	≥2400	≥3840	≥3840
Color Temperature (K)     6500     6500     6500       Viewing Angle (H/V) (°)     160/160     160/160     160/160       AC Operating Voltage (V)     100-240     100-240     100-240       Power Consumption (Max./Avg.)(W/m³)     540/180     540/180     540/170     510/170       Storage Temperature (°C)     -40~+60     -40~+60     -40~+60     -40~+60       Operating Temperature (°C)     -10~+40     -10~+40     -10~+40       IP Rating (Front/Rear)     IP40/IP21     IP40/IP21     IP40/IP21       LED Lifetime (H)     100000     100000     100000       Module Maintenance     Front     Front     Front       Panel Installation Type     I/x     //x     //x	Gray scale (bit)	14	14	14	14
Yiewing Angle (H/V) (*)     160/160     160/160     160/160       AC Operating Voltage (V)     100~240     100~240     100~240     100~240       Power Consumption (Max./Avg.)(W/m²)     540/180     540/180     540/170     510/170       Storage Temperature (°C)     -40~+60     -40~+60     -40~+60     -40~+60       Operating Temperature (°C)     -10~+40     110~+40     -10~+40       IP Rating (Front/Rear)     IP40/IP21     IP40/IP21     IP40/IP21     IP40/IP21       Kodule Maintenance     Front     Front     Front     Front       Pauel Installation Type     //     //     //     //     //	Contrast Ratio	4000:1	4000:1	4000:1	4000:1
AC Operating Voltage (V)     100~240     100~240     100~240       Power Consumption (Max./Avg.)(W/m²)     540/180     540/180     540/170     510/170       Storage Temperature (°C)     -40~+60     -40~+60     -40~+60     -40~+40       Operating Temperature (°C)     -10~+40     -10~+40     -10~+40     -10~+40       IP Rating (Front/Rear)     IP40/IP21     IP40/IP21     IP40/IP21     IP40/IP21       LED Lifetime (H)     100000     100000     100000     100000       Module Maintenance     Front     Front     Front     Front       Panel Installation Type     /     /     /     /     /	Color Temperature (K)	6500	6500	6500	6500
Power Consumption (Max./Avg.)(W/m²)     540/180     540/180     540/170     510/170       Storage Temperature (°C)     -40~+60     -40~+60     -40~+60     -40~+60       Operating Temperature (°C)     -10~+40     -10~+40     -10~+40     -10~+40       IP Rating (Front/Rear)     IP40/IP21     IP40/IP21     IP40/IP21     IP40/IP21       LED Lifetime (H)     100000     100000     100000     100000       Module Maintenance     Front     Front     Front       PsU & Others Maintenance     Front     IPtont     Front       Max Rigging QTY.     /     /     /     /	Viewing Angle (H/V) (°)	160/160	160/160	160/160	160/160
(Max./Avg.)(W/m²)     S40/180     S40/180     S40/170     S10/170       Storage Temperature (°C)     -40~+60     -40~+60     -40~+60     -40~+60       Operating Temperature (°C)     -10~+40     -10~+40     -10~+40     -10~+40       IP Rating (Front/Rear)     IP40/IP21     IP40/IP21     IP40/IP21     IP40/IP21       LED Lifetime (H)     100000     100000     100000     100000     100000       Module Maintenance     Front     Front     Front     Front     Front       PsU & Others Maintenance     Front     If and the store     If and the store </td <td>AC Operating Voltage (V)</td> <td>100~240</td> <td>100~240</td> <td>100~240</td> <td>100~240</td>	AC Operating Voltage (V)	100~240	100~240	100~240	100~240
Operating Temperature (°C)-10~+40-10~+40-10~+40IP Rating (Front/Rear)IP40/IP21IP40/IP21IP40/IP21LED Lifetime (H)100000100000100000Module MaintenanceFrontFrontFrontPSU & Others MaintenanceFrontFrontFrontPanel Installation Type////		540/180	540/180	540/170	510/170
IP Rating (Front/Rear)IP40/IP21IP40/IP21IP40/IP21LED Lifetime (H)100000100000100000Module MaintenanceFrontFrontFrontPSU & Others MaintenanceFrontFrontFrontPanel Installation Type////Max Rigging QTY.////	Storage Temperature (°C)	- 40~ + 60	- 40~ + 60	- 40~ + 60	- 40~ + 60
LED Lifetime (H)100001000010000Module MaintenanceFrontFrontFrontPSU & Others MaintenanceFrontFrontFrontPanel Installation TypeImage: Comparison of the second	Operating Temperature (°C)	-10~+40	-10~+40	-10~+40	-10~+40
Module MaintenanceFrontFrontFrontPSU & Others MaintenanceFrontFrontFrontFrontPanel Installation TypeImage: Comparison of the second secon	IP Rating (Front/Rear)	IP40/IP21	IP40/IP21	IP40/IP21	IP40/IP21
PSU & Others MaintenanceFrontFrontFrontPanel Installation TypeImage: Comparison of the typeImage: Comparison of typeImage: Comparison of typeMax Rigging QTY.Image: Comparison of typeImage: Comparison of typeImage: Comparison of type	LED Lifetime (H)	100000	100000	100000	100000
Panel Installation Type Fixed   Max Rigging QTY. / / /	Module Maintenance	Front	Front	Front	Front
Max Rigging QTY. / / /	PSU & Others Maintenance	Front	Front	Front	Front
	Panel Installation Type		Fixe	ed	
Certificate TUV-CE/ RoHS/ ETL/ FCC	Max Rigging QTY.	/	/	/	/
	Certificate		TUV-CE/ RoHS	6/ ETL/ FCC	

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