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

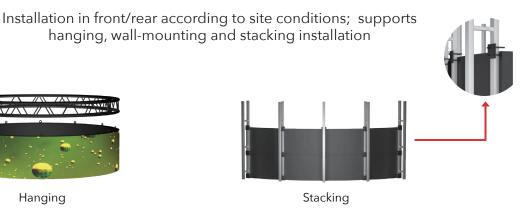
Complete ready-to-use panel delivery and strong magnets support fast installation and front/rear maintenance



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

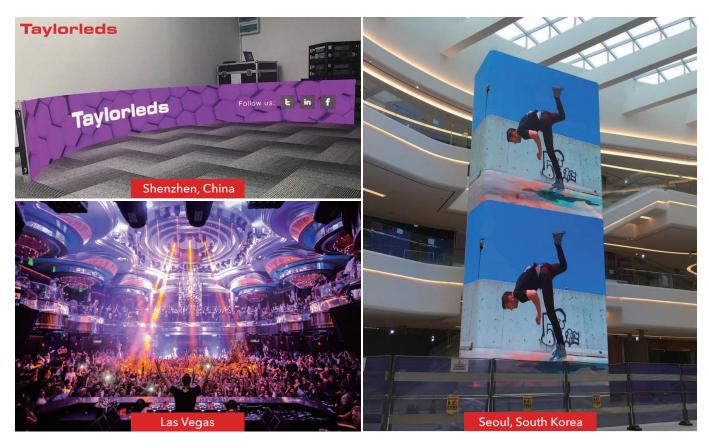
10,000 times Bending Test





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 |
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| 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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