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| Unit board | Pixel pitch | 3mm |
| | Module size | 192mm*96mm |
| | Resolution of module | 64*32 dots |
| | Density of pixel | 111,111dots/m2 |
| | LED type | SMD2121 |
| | Pixel configuration | 1R1G1B |
| Main Technical parameter | Gray scale | 16bits per color |
| | Color capability | 16,777,216 |
| | Color temperature | 3,500~9,500K |
| | Best viewing distance | ≥3m |
| | Horizontal viewing angle | 140° |
| | Vertical viewing angle | 140° |
| | Driving method | 1/16 scan |
| | Brightness | ≥1,200cd/m2 |
| | Frame frequency | 50~60Hz |
| | Refresh rate | ≥1,920Hz |
| | IP grade | IP20~IP43 |
| | Storage temperature | -40°C~+65°C |
| | Working temperature | -20°C~+55°C |
| | Operating ambient humidity | 10%—95%RH |
| | Defects rate | ≤0.00001(Led display line standard<0.0001) |
| | Flatness | Tolerance of inter pixel ≤0.3mm,Tolerance of modules clearance ≤0.6mm |
| | MTBF | ≥10,000 hours |
| | Life span | ≥100,000hours |
| Cabinet | Cabinet size | Customized |
| | Cabinet resolution | Customized |
| | Qty of module | Customized |
| | Gross weight of cabinet | 35kg/m2 (Steel cabinet with rear door) |
| | Cabinet color | Black |
| | Maintenance | Rear |
| Power | Operating voltage | AC110V/220V±10% |
| | Max power consumption | 1195W/m2 (22W/module) |
| | Avg power consumption | 380W~500W/m2 (7W~9.2W/module) |
| | Earth leakage current | ≤20mA(single LED) |
| | Power switch | Automatic switch |
| Control system | CPU of PC | Pentium4 or above |
| | Signal Input -With video processor | Composite ,S-video,Component,VGA,DVI,HDMI,SDI,HD_SDI,etc |
| | Controlling system | main controller card+ transmission cable) |
| | Control method | Synchronization / Asynchronization |
| | Systems operating platforms | WinXP,Win2000,Vista, Win7 /Win8 /Win10 etc. |