



山西高科华烨电子集团有限公司

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Specification of P3.91 Indoor LED Module

| Module | | Module photo |
|----------------------------|--|--------------|
| Pixel pitch | 3.91mm | |
| Pixel Density | 65,536 dots/m ² | |
| Pixel configuration | 1R1G1B | |
| LED type | SMD2020 | |
| Module size | 250*250mm | |
| Module weight | 580±5g | |
| Module resolution | W64*H64 dots | |
| Module QTY/ m ² | 16 pcs/ m ² | |
| Min. Viewing Distance | ≥3.91m | |
| Brightness | ≥900cd/m ² | |
| Viewing Angle | H≥120° V≥120° | |
| Driving Mode | 1/16 scan constant current | |
| Interface | HUB75-16P | |
| Input voltage | 4.8-5.5VDC | |
| Max. Power Consumption | 682 w/m ² | |
| Avg. Power Consumption | 341 w/m ² | |
| Max. Current | 8.6 A | |
| Gray Level | 15bits (32768) | |
| Vedio frame rate | 60 frames/s | |
| Refresh Rate | ≥3840Hz | |
| Defective Dots Rate | <0.0001 (LED industry standard: ≤ 0.0003) | |
| Decay Rate | ≤5%/year | |
| Brightness Conformity | >95% | |
| Colors | 16384 ³ | |
| MTBF | ≥10000 hours | |
| Lifespan | ≥100000 hours | |
| Protective function | Over-heat/Over-load /Power-down /Power-leakage /Lightning- protection etc. | |
| Operating Temperature | -10℃~+40℃ | |
| Operating Humidity | 10-80% no condensation | |
| Storage Temperature | -20℃~+60℃ | |
| Storage Humidity | 10-85% no condensation | |
| Control system parameter | | |
| Color temperature | Adjustable by software. | |
| Brightness level | 256 levels, automatic or manual adjustment. | |
| Control way | Computer, real-time, off-line, wireless, internet etc. | |
| Communication Distance | Cat5 UTP 100 meters, max. 130 meters; or optical fiber. | |

