



UHD SERIES

SUPERIOR IMAGE QUALITY

UHD SERIES

- **Ultra-Fine Pixel Pitch:**
available from 0.83 mm to 2.5 mm
- **Superior Image Quality:**
UHD Led Display takes UHD image reproduction to a next level, retaining the high contrast ratios and high colour fidelity
- **Light and Fanless :**
Thanks to its low weight (a mere 7.43 kg/panel) UHD is very easy to support and install. The fan-less design makes UHD the ideal choice for sound sensitive applications.
- **Aspect ratio friendly:**
UHD is designed with common aspect ratios, in order to retro fit into any traditional 16:9 or 4:3 LCD video wall.
- **Integrated Data and Power Connector:**
The power and data connectors are integrated into the panel to panel connection, in order to saving space behind the display.
- **Snap Lock panel system:**
Snap lock panel system ensures a precise seamless panel to panel connection.
- **LCD display:**
The integrated LCD display at the back of each panel can be used in order to monitor temperature and voltage.



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UHD SERIES

| | UHD 0 | UHD 1 |
|-------------------------------------|---|---|
| Pixel Pitch | 0,83 mm | 1,25 mm |
| Pixel Configuration | SMD0606 | SMD0808 |
| Pixel Density | 1.440.000 pixels/mq 259.200 pixels/panel | 640.000 pixels/mq 115.200 pixels/panel |
| Led Module Size | 200x150 mm | 200x150 mm |
| Panel size | 400x450x96 mm | 400x450x96 mm |
| n. module for panel (wxh) | 2x3 | 2x3 |
| Physical Resolution of module (wxh) | 240x180 | 160x120 |
| Physical Resolution of panel(wxh) | 480x540 | 320x360 |
| Weight for panel | 7,55 Kg/panel | 7,5 Kg/panel |
| Processing | 16 bit | 16 bit |
| Colours | 281 trillion | 281 trillion |
| Contrast Ratio | 4.000 : 1 | 4.000 : 1 |
| Avg. Power Consumption | 38 – 63 w/panel | 38 – 63 w/panel |
| Max. Power Consumption | 126w/panel | 126w/panel |
| Operating Temperature Range (°C) | -10°C-40°C / 10%-60% | -10°C-40°C / 10%-60% |
| Storage Temperature Range (°C) | -30°C-60°C / 10%-60% | -30°C-60°C / 10%-60% |
| Brightness | 400 – 600 nits | 600 – 800 nits |
| Refresh Rate | 1920 – 3840 Hz | 1920 – 3840 Hz |
| Horizontal Viewing Angle | 160° | 160° |
| Vertical Viewing Angle | 140° | 140° |
| Expected LED Lifetime max | 100000 Hrs | 100000 Hrs |
| Max Stackin | 12 panels | 12 panels |
| Servicing | Front | Front |
| IP rating | IP30 | IP30 |
| Certification | CE, EMC ClassA, ETL, RoHS | CE, EMC ClassA, ETL, RoHS |

LED DISPLAY UHD0 UHD series

SIZE: 15.74"x17.71"x3.77" (400x450x96mm)

WEIGHT: 16.64 lb (7,55kg/m)

ORDER CODE: UNILMUHD0

LED DISPLAY UHD1 UHD series

SIZE: 15.74"x17.71"x3.77" (400x450x96mm)

WEIGHT: 16.53 lb (7,55kg/m)

ORDER CODE: UNILMUHD1



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