



Leyard Europe TVF Complete

Pre-Packaged LED Video Walls




- ▶ **Complete Direct View LED Video Wall ready to install**
- ▶ **Protected by the Leyard Europe EverCare™ Lifetime Limited Warranty**
- ▶ **Available Sizes: 109" | 137" | 164" | 198" | 219"**
- ▶ **Models with 16:9 or wide-view 32:9 aspect ratio**
- ▶ **Includes: display cabinets, controller, mounts, cables, trim & spare modules**
- ▶ **Made in Europe**



Leyard Europe's best proven and tested series of LED displays

Built for beauty and always-on use, the award-winning Leyard TVF Series provides visual excellence for every application with fine pixel pitches from 0.9 to 1.8 millimetres. Its front service, cableless, building-block style design gives new meaning to multi-functionality and reduces the complexity of installation and vertical alignment. Leyard Europe's TVF series enables video wall installations with minimal depth and includes the unmatched Leyard Europe EverCare™ Lifetime Limited Warranty.

Leyard TVF Complete Specifications

| Model Version: | Screen Diagonal | Resolution | Pixel Pitch | Cabinet Configuration | Dimensions (WxHxD) | LED Controller | Part Number |
|------------------------|---------------------|--------------------------------------------------------------------------------------------------------------|-------------|-----------------------|---------------------------|-------------------------|------------------|
| TVF Complete HD109 WM | 109" / 277cm (16.9) |  Full HD (1920x1080) | 1.26mm | 4x4 TVF1.2 | 2418.9 x 1360.4 x 100.1mm | Standard LED Controller | TVFC12HD109WMXX |
| TVF Complete HD137 WM | 137" / 348cm (16.9) | | 1.575mm | 5x5 TVF1.5 | 3025.0 x 1705.0 x 100.1mm | | TVFC15HD137WMXX |
| TVF Complete HD164 WM | 164" / 417cm (16.9) | | 1.89mm | 6x6 TVF1.8 | 3630.8 x 2045.2 x 100.1mm | | TVFC18HD164WMXX |
| TVF Complete DHD198 WM | 198" / 503cm (32.9) |  Double Full HD (3840x1080) | 1.26mm | 8x4 TVF1.2 | 4840.4 x 1364.8 x 100.1mm | 4K/UHD LED Controller | TVFC12DHD198WMXX |
| TVF Complete UHD164 WM | 164" / 417cm (16.9) |  4K (3840x2160) | 0.9mm | 6x6 TVF0.9 | 3630.8 x 2045.2 x 100.1mm | | TVFC09UHD164WMXX |
| TVF Complete UHD219 WM | 219" / 556cm (16.9) | | 1.26mm | 8x8 TVF1.2 | 4840.4 x 2725.6 x 100.1mm | | TVFC12UHD219WMXX |

Leyard TVF General Specifications

| Model | TVF-0.9 | TVF-1.2 | TVF-1.5 | TVF-1.8 |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| Pixel Pitch | 0,945 | 1.26 | 1.575 | 1.89 |
| LED Type | Commercial grade 3-in-1 Black SMD | | | |
| Resolution | 640 x 360 | 480 x 270 | 384 x 216 | 320 x 180 |
| LEDs per Cabinet | 230400 | 129600 | 82944 | 57600 |
| Pixel Density | 1,119,789/m ² 104,032/ft ² | 629,882/m ² 58,518/ft ² | 403,124/m ² 37,451/ft ² | 27,9947/m ² 26,008/ft ² |
| Cabinet Size (W x H x D) | 604.8 x 340.2 x 72.5mm 23.81 x 13.39 x 2.85in | | | |
| Power Consumption, Maximum (watts) | 140/Cabinet 680/m ² | 130/Cabinet 632/m ² | | |
| Power Consumption, Typical (watts) | 50/Cabinet 243/m ² | 43/Cabinet 209/m ² | | |
| Line Voltage | 100~240V AC, 50/60Hz | | | |
| Weight | Single-PSU: per Cabinet: 6,94 kg, per sqm: 33,73kg/m ² / Redundant PSU: per Cabinet: 7,76 kg, per sqm: 37,72kg/m ² | | | |
| Brightness Max, Calibration On (cd/sqm) | 800 | | | |
| Brightness Uniformity | ≥ 97% | | | |
| Color Uniformity | ≥ 97% | | | |
| Contrast Ratio | 7000:1 | | | |
| LED Refresh Rate | 3000 | | | |
| Color Temperature, Adjustable (k) | 3000 - 10000 | | | |
| Viewing Angle, Horizontal | 160° | | | |
| Viewing Angle, Vertical | 140° | | | |
| Frame Rate | 50, 60Hz | | | |
| Gray Scale Processing | 16-bit | | | |
| Service Access | Front, Rear | | | |
| LED Lifetime, Typical | 100,000 hrs | | | |
| Storage Temperature/Humidity | -20° to 60° C -4° to 140° F / 10-85% relative humidity, non-condensing | | | |
| Operating Temperature/Humidity | -10° to 40° C -14° to 104° F / 10-85% relative humidity, non-condensing | | | |

LED Controller Specifications

| Controller Options | Standard LED Controller | 4K/UHD LED Controller |
|--------------------------------|---------------------------|------------------------------------------------------|
| Video Inputs | 1x HDMI, 2x DVI, 1x SDI | 1x DisplayPort 1.4, 1x HDMI 2.0, 2x HDMI 1.4, 2x DVI |
| Video Input Resolution Maximum | 1920 x 1200 @ 60Hz | 3840 x 2160 @ 60Hz |
| Windowing | Up to 3 Windows, PiP, PbP | Up to 6 Windows, PiP, PbP |
| Control Input Type | USB, RS232 | USB, RS232, LAN |