



ABOUT US

Custom LED manufacturing experts



LED Tranquility, Inc., A.K.A. "LEDT" was founded in 2008 and is a high-tech privately held woman owned small business specializing in the research and development, design, production, engineering and sales of both standard and custom LED display solutions.

LEDT is headquartered in Vernon Hills, Illinois having manufacturing facilities in both Hong Kong and Shenzhen China. LEDT's Vernon Hills headquarters is a 66,000 square foot facility, additionally LEDT has storage facilities in both Las Vegas, Nevada and Atlanta, Georgia.

LEDT provides a wide range of off the shelf products covering both indoor and outdoor full color LED video wall, HD fine pixel pitch displays, Transparent displays, curved LED, Flexible LED and more.

LEDT products and services are used by municipalities, real estate, businesses, broadcasting, US Army, US Navy, US Air Force, US Marine Corps, Schools and many more. LEDT strictly adheres to its product leading technology strategy and it's unique, 3 tiered talent development strategy to bring together top notch talented professionals with superior manufacturing technology. When the rest of our competitors were still manufacturing basic square video wall panels, LEDT was pushing the limits of full custom solutions. We have dozens of patents and hundreds of software copyrights making us an innovation leader in our industry.

LEDT has distributors in 26 countries. Our company is committed to providing the best LED custom and standard solutions to every customer all over the world. We warranty our product and stand behind it's quality in everything we do. We see our customers as partners, not just as a one time purchase agreement.



ABOUT LEDT

COMPANY PROFILE

LED Tranquility, Inc. was founded in 2008
 3 main manufacturing facilities
 2 additional storage facilities in the US

CASE STUDIES

Every image in this brochure reflects our high level of professional detail and commitment to providing a superior product

PRODUCTS

- Indoor Flexible LED Displays
- Outdoor Flexible LED Displays
- LED Video Stands
- Indoor & Outdoor Full Color SMD LED Displays
- Indoor & Outdoor customized LED Displays
- Small Pixel Pitch LED Displays
- Rental LED Displays
- Front & Back Maintenance LED Displays
- Outdoor Energy Saving LED Displays
- Outdoor Single & Double Color LED Module Series

FEATURES

- Waterproof IP 65/IP67
- Die-Casting Aluminum cabinet ,Iron cabinet, both have high strength
- High refresh ,High brightness, High gray, Lower power consumption
- Showing excellent visual effect at different viewing angle
- Lock Design ,Quickly assembled
- Adjust brightness through sensor
- Easy Maintenance ,module supports front@rear maintenance



SPECIFICATIONS

SERIES	3MM	4MM	4MM	5MM	5MM	6MM	6.67MM	8MM	10MM
Pixel Pitch(mm)	3mm	4mm	4mm	5mm	5mm	6mm	6.67mm	8mm	10mm
LED Configuration	SMD1921	SMD1921	SMD1921	SMD2727	SMD2727	SMD3535	SMD3535	SMD3535	SMD3535
Distance(m)	≥3	≥4	≥4	≥5	≥5	≥6	≥6.67	≥8	≥10
Brightness(cd/m ²)	≥5000	≥5000	≥6500	≥5500	≥5500	≥6000	≥5500	≥6000	≥5500-8500
Pixel density(dots/m ²)	111111	62500	62500	40000	40000	27777	22470	15625	10000
View angle(°)	140°	140°	140°	140°	140°	140°	140°	140°	140°
Refresh	≥1920	≥1920	≥1920	≥1920	≥1920	≥1920	≥1920	≥1920	≥1920
Refresh(Hz)	≥3840	≥3840	≥3840	≥3840	≥3840	≥3840	≥3840	≥3840	≥3840
Module size(mm)	192x192	256x128	320x160	160x160	320x160	192x192	320x160	256x128	320x164
Cabinet size(mm)	576x576	512x512	640x640	640x640	640x640	576x576	640x640	768x768	640x640
	768x768	768x768	768x768	960x960	960x960	768x768	960x960	960x960	960x960
Drive Mode(can)	1/16	1/16	1/8	1/8	1/8	1/8	1/6	1/4	1/2/4
Environment	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65
Max Power(w/m ²)	900	800	900	800	1000	900	650	1000	600-1200
Voltage(v)	110-245	110-245	110-245	110-245	110-245	110-245	110-245	110-245	110-245
Weight (kgm ²)	26	26	28	26	27	26	29	32	32



FEATURES

- Waterproof IP 65/IP67
- Lock Design , Quickly Lock
- High Refresh ,High Brightness,High Gray
- Die-casting Aluminum cabinet
- High Stable 9PIN connector
- Low Power Consumption ,Energy-Efficient
- Easy assembly and quick disassembly



SPECIFICATIONS

SERIES	3.91MM	4.81MM	5.95MM	6.25MM
LED Configuration	SMD1921	SMD1921/2727	SMD2727	SMD2727/3535
Distance(m)	≥3.91	≥4.81	≥5.95	≥6.25
Brightness(cd/m ²)	5500	4500	4500	4500
Pixel density(dots/m ²)	65536	43264	28224	25600
View angle(°)	140°	140°	140°	140°
Refresh(Hz)	3840	3840	3840	3840
Module size(mm)	250x250	250x250	250x250	250x250
Cabinet size(mm)	500x500	500x500	500x500	500x500
Drive Mode(can)	1/16	1/13	1/7	1/10
Environment	IP65	IP65	IP65	IP65
Max Power(m ²)	800	800	1200	1200
Voltage(v)	110-245	110-245	110-245	110-245
Weight (kg)	11.8	11.5	11.5	11.5
Popular	High End	High End	High End	Hot



