

LPD Tile

Prysm's LPD Tile (TD1) delivers breakthrough performance with low environmental impact in a package that addresses the shortcomings of traditional display technology.

We believe that TD1 is the most exciting, comprehensive and cost-effective large format display available.

For more information, email our sales team at sales@prysm.com or call 1.877.99.PRYSM.



Display Characteristics

Pixel Pitch	1.6 mm
Pixels per Tile	76,800 (320 × 240)
Brightness / Luminance (nits, max)	800 (High Brightness), 600 (Deep Black)
Native Contrast Ratio	100,000:1
Pixel Fill Factor	91%
Gamma	Adjustable from 0.3-3.0
Viewing Angle	178° H/V (no color shift at any viewing angle)
Refresh Rate	240 Hz
Response Time	0.003 ms
Tile to Tile Brightness Uniformity	97%
Tile Calibration	Automatic
Tile Area	0.194 m ² (300.9 in ²)
Color Processing	14 bit/color, 4.4 trillion colors
White Point	2,400 to 11,000 (adjustable)
Average Power Consumption	30 W/tile, 155 W/m ²
Operating Voltage	100-240 VAC, 50Hz/60Hz

Mechanical Characteristics

Screen Size (W × H)	508.8 mm × 381.6 mm (20.0 × 15.0 in)
Chassis Size (W × H × D)	508.8 mm × 523.8 mm × 363.7 mm (20.0 × 20.6 × 14.3 in)
Screen Config.	0.25 mm optical seam, anti-glare coating
Heat Dissipation	102 BTU/hour
Weight	29.0 kg (63.9 lbs)

System I/O (w/IP1 Image Processor)

Video Inputs	VGA, DVI-D*, HDMI*, Component (*HDCP Compliant)
Input Resolutions / Formats	See IP1 Resolutions & Formats
Control Interface Connections	RS-232 (serial), RJ-45 (Ethernet)
Control Interfaces	Web Browser or Front Panel
Genlock	Analog, NTSC/PAL (bi-level), HD (tri-level)

Environmental

System Lifetime	60,000 (to 50% initial brightness)
Continuous Operation	24/7
Operating Temperature Range	0°C to 40°C (32° to 104°F)
Storage Temperature Range	-20 °C to 50 °C (-4° to 122°F)
Operating Humidity	20 to 80% (non-condensing)
Storage Humidity	10 to 90% (non-condensing)
IP Rating	IP 50, Indoor Use Only (additional enclosures enable outdoor use)
Acoustic Noise Level (dBA)	22 (w/o fans), 35 (w/fans)
Safety Approvals	UL, CSA, NRTL, T-Mark, GOST, STQC S-Mark, S-Mark, BSMI
Certification	FCC, IC, CE, VCCI, CoC, BSMI

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