



TLVISION



LED Ticker Displays

TL Vision offers a line of LED Tickers to display information and messaging that will further engage your audiences. Designed specifically for outdoor use, TL Vision LED Tickers are available in 16mm, 20mm and 34mm pitch in any length with high contrast (COLOR) LEDs to deliver highly visible messages from virtually any angle – day and night. They're the perfect complement to our extensive line of TL Vision LED Large Screen Systems.

TRANSLUX

Lamp

Size	16mm	20mm	34mm
LED Type	Oval Lamp	Oval Lamp	Oval Lamp
Wavelength (nm)	R: 620 / G: 524 / B: 468	R: 620 / G: 524 / B: 468	R: 620 / G: 524 / B: 468
Intensity (mcd)	R: 920 / G: 2000 / B: 610	R: 920 / G: 2000 / B: 610	R: 1100 / G: 3500 / B: 650

Board

Pixel configuration	2R/1G/1B	2R/1G/1B	4R/2G/2B
Physical pixel pitch	16 mm	20 mm	34 mm
Virtual pixel pitch	8 mm	10 mm	17 mm
LED drive method	Static	Static	Static
Physical board res.	16 x 8 (W x H)	16 x 8 (W x H)	4 x 8 (W x H)
Virtual board res.	32 x 16 (W x H)	32 x 16 (W x H)	8 x 16 (W x H)
Board size	256 mm x 128 mm x 30 mm (W x H x D) 10.07" x 5.04" x 1.18" (W x H x D)	320 mm x 160 mm x 30 mm (W x H x D) 12.6" x 6.3" x 1.18" (W x H x D)	136 mm x 272 mm x 30 mm (W x H x D) 5.35" x 10.71" x 1.18" (W x H x D)

Ticker Configuration

Configuration	A	B	A	B	A	B
Pixel array height	16 pixels	32 pixels	16 pixels	32 pixels	16 pixels	32 pixels
Pixel array length	Unlimited (increments of 16 pixels)	Unlimited (increments of 16 pixels)	Unlimited (increments of 16 pixels)	Unlimited (increments of 16 pixels)	Unlimited (increments of 4 pixels)	Unlimited (increments of 4 pixels)
Ticker height	388 mm / 15.3 in.	776 mm / 30.6 in.	452 mm / 17.8 in.	904 mm / 35.6 in.	676 mm / 26.6 in.	1352 mm / 53.2 in.
Ticker depth	232 mm / 9.1 in.	232 mm / 9.1 in.	232 mm / 9.1 in.	232 mm / 9.1 in.	232 mm / 9.1 in.	232 mm / 9.1 in.
Power	100-264 VAC / 47- 63 Hz	100-264 VAC / 47- 63 Hz	100-264 VAC / 47- 63 Hz	100-264 VAC / 47- 63 Hz	100-264 VAC / 47- 63 Hz	100-264 VAC / 47- 63 Hz
Ingress protection	Front IP65 / Rear IP43	Front IP65 / Rear IP43	Front IP65 / Rear IP43	Front IP65 / Rear IP43	Front IP65 / Rear IP43	Front IP65 / Rear IP43
Service access	Front	Front	Front	Front	Front	Front

Display

Viewing angle (H / V)	140° / 70°	140° / 70°	140° / 70°
Brightness	≥6000 cd / m ²	≥6000 cd / m ²	≥6000 cd / m ²
Pixel density	3906 / m ²	2500 / m ²	865 / m ²
Maximum power consumption	648 (W / m ²) / 166 mW / pixel	648 (W / m ²) / 259 mW / pixel	274 (W / m ²) / 317 mW / pixel
Average power consumption	227 (W / m ²)	227 (W / m ²)	96 (W / m ²)
Maximum current @ 220V,60Hz	3.12 (Amps / m ²)	3.12 (Amps / m ²)	1.32 (Amps / m ²)
Power factor	>0.95	>0.95	>0.95
Operating temp. / humidity	-20°C to +65°C / 10% to 95%	-20°C to +65°C / 10% to 95%	-20°C to +65°C / 10% to 95%
Storage temp. / humidity	-30°C to +70°C / 10% to 95%	-30°C to +70°C / 10% to 95%	-30°C to +70°C / 10% to 95%
Processing	16 bit	16 bit	16 bit
Refresh rate	1000 Hz	1000 Hz	1000 Hz
Frame rate	60 fps	60 fps	60 fps
Dimming level	Manual - 100 levels, automatic - 16 levels	Manual - 100 levels, automatic - 16 levels	Manual - 100 levels, automatic - 16 levels
Service access	ETL & CE pending	ETL & CE pending	ETL & CE pending

Specifications are subject to change without notice.