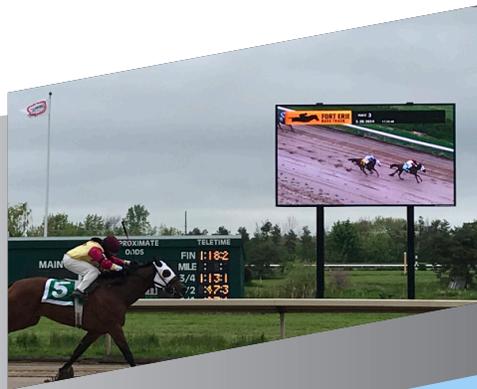




# Outdoor LED Video Display



The captivating viewing experience of an OES LED video display adds a new level of excitement to events and draws everyone watching into the action moment by moment. Dazzle your crowd with cheer prompts, scores and stats on a full screen or split the screen and integrate vibrant animations, sponsor messages and exciting replays.

Let us help you create a dynamic and versatile video display that will enhance game day, delight fans and generate an atmosphere where businesses want to advertise.

Bring your video display to life with Bolt, our live event production suite. Easily broadcast and entertain fans with live video feeds, sponsor ads, team messages, still and motion graphics. For an enhanced viewing experience, connect Bolt to your OES controller and display a wide range of real time scoring and stats information during your event.



Family	P6 SMD	P8 SMD	P10 SMD	P10 DIP	P12 DIP	P16 DIP
Pitch (mm)	6	8	10	10	12	16
Brightness (nits)	High: 6500 Normal: 5500	High: 7000 Normal: 6000	High: 6500 Normal: 5500	7500	7500	7500
Resolution (WxH)	160 x 160	120 x 120	96 x 96	96 x 96	80 x 80	60 x 60
Size (WxHxD)	960 x 960 x 140 mm	960 x 960 x 140 mm	960 x 960 x 140 mm	960 x 960 x 140 mm	960 x 960 x 140 mm	960 x 960 x 140 mm
Weight	31Kg Aluminum cabinet	30Kg Aluminum cabinet	29Kg Aluminum cabinet	32Kg Aluminum cabinet	31Kg Aluminum cabinet	29Kg Aluminum cabinet
Viewing Angle (h/v)	160/160	160/160	160/160	110/70	110/70	110/70
Scan Rate	1/8	1/3	1/3	1/4	1/2	Static
Grey Scale (Levels/Color)	4096-16384	4096-16384	4096-16384	4096-16384	4096-16384	4096-16384
Display Refresh Rate (Hz)	1920	1920	1920	1920	1920	1920
Video Frame Rate (Hz)	60	60	60	60	60	60
Contrast Ratio	3000:1	3000:1	3000:1	3000:1	3000:1	3000:1
Colors	68.7 Billion-4.4 Trillion	68.7 Billion-4.4 Trillion	68.7 Billion-4.4 Trillion	68.7 Billion-4.4 Trillion	68.7 Billion-4.4 Trillion	68.7 Billion-4.4 Trillion
Processing Depth (bit)	12-14 bit	12-14 bit	12-14 bit	12-14 bit	12-14 bit	12-14 bit
Input Voltage (Vac)	100-240	100-240	100-240	100-240	100-240	100-240
Input Power Max (W/m <sup>2</sup> )	670	660	500	390	390	320
Input Power Avg (W/m <sup>2</sup> )	235	230	175	135	135	115
Input Frequency (Hz)	50-60	50-60	50-60	50-60	50-60	50-60
Lifetime (Hours)	100,000	100,000	100,000	100,000	100,000	100,000
Service Access	Front & Rear	Front & Rear	Front & Rear	Front & Rear	Front & Rear	Front & Rear
Agency Approvals	ETL & FCC	ETL & FCC	ETL & FCC	ETL & FCC	ETL & FCC	ETL & FCC

## About OES Scoreboards

OES Scoreboards has a long history of partnering with schools across North America to bring pro sports facility experience to their venues. We're renowned for our exceptional customer service, talented in-house engineers and expertise in providing high-quality, scalable, custom video displays, scoreboards and timing solutions for Pro sports venues, colleges, K-12 schools and community centers.

