

# SOCCER: 4600

This exterior electronic scoreboard features LED displays for scores, period, saves, shots.

The enclosure is constructed of 5052-H32 aluminum and powder coated for durability and UV-resistance. Lexan digit covering is standard and provides incomparable protection from the elements.

A highly-visible ad box that runs the length of the board is available, and is 18" (457mm) tall. See specifications for additional information.

## 4000-series Color Options



### LED options

- WHITE
- RED (STANDARD)
- AMBER
- GREEN
- BLUE

### Red LED Displays

14" (356mm) = TIME [88:88],  
score HOME [88] and  
GUEST [88]

10" (234mm) = PERIOD [8],  
SHOT [88], SAVES [88]

### White Captions

8" (203mm) = HOME,  
GUEST

5" (114mm) = PERIOD, SHOTS,  
SAVES



## 4600 SPECIFICATIONS

Dimensions	16' (4.9m) long x 4' (1.2m) high x 6" (152.4mm) deep
Weight	Approx. 250 lbs (113 kg)
Construction	5052-H32 aluminum Steel angle structure 3" x 3" x 3/16" (76.2mm x 76.3mm x 4.76mm)
Finish	Tiger Dryloc® powder coating on all panels, sides, and backs (including mounting angles) for durability and UV resistance Color-matching to your sample available 210 additional RAL color choices (optional)
LEDs	Cree® ultra-bright LEDs 50,000 hours rated life 120° viewing angle See chart for color options
Lettering	UV- and weather-resistant white vinyl Custom colors available Font: Swiss 921 BT
Protection	Lexan digit covering standard for weather and impact protection Acrylic conformal coating for moisture resistance
Electrical	110 volts, 8 amps, 50/60 Hz 220 VAC available Requires earth ground
Back-up	Real time clock (RTC) with 10 year lithium battery back-up
Communication	4-pin XLR RS-485 Shielded twisted paired wiring
Optional ad box	16' x 18" x 6" (4.9m x 457mm x 152.4mm) Additional height options available

1.877.652.5833 :: [team@oes-scoreboards.com](mailto:team@oes-scoreboards.com)  
[www.oes-scoreboards.com](http://www.oes-scoreboards.com)

# 8600 SPECIFICATIONS

## OUTDOOR APPLICATIONS

This OES Scoreboard is designed specifically for outdoor use. All outdoor digits use a fan system to help regulate temperature and ensure maximum life span. Digits have a clear viewing distance of approximately 50 feet for every 1 inch of digit size.

## PRODUCT CERTIFICATIONS

- UL and cUL certified
- ISO 9001 2010 certified

## OPERATING TEMPERATURE

Scoreboard: -40C to +85C (-40F to 185F)  
Controller: -10C to +85C (14F to 185F)

## SEGMENT TIMER MODE

Use your scoreboard to time practice drills or keep track of stop and go movement on the field.

## SCOREBOARD HORN

Produces 100dBa at 10'. 4" x 4" x 2.5". Stainless steel diaphragm.

## INSTALLATION ACCESSORIES

Each scoreboard includes control cable of length indicated on drawings, approved shop drawings, mounting hardware, and all other accessories required for complete, functional installation.

## MOUNTING

Typically mounted on three vertical poles using two rows of mating horizontal steel angles. Scoreboard is shipped with steel angles already installed at the back.

## SERVICE ACCESS

Standard service access through front digit openings. The enclosure is strategically designed to reinforce the structure while keeping the scoreboard easily serviceable.

## WARRANTY

OES Inc.'s comprehensive warranty covers parts and labor for a period of five years from date of delivery. See warranty terms for details.

4096 Blakie Road, London  
Ontario, Canada N6L 1P7

## Options

- Border striping and/or decorative accents
- Choice of caption/striping colors
- Color-matching scoreboard finish to customer spec
- Team name in place of HOME
- Programmable team name LED displays
- Electronic or backlit captions
- Advertising/identification panels
- Electronic message centers
- Video displays (multiple sizes available)
- Captions for alternate sports on changeable panels (baseball, lacrosse, field hockey, soccer)
- Wireless available

## Control Console

The [ISC9000](#) puts the technology OES developed for the pro leagues in an intuitive, easy-to-use package.

- All information is visible on one screen. No flipping back and forth to find what you're looking for.
- Designed and programmed by people chosen because of their involvement in all aspects of sports: player, coach, spectator, official.
- The functions and flow operate based on how the game is played - and an intrinsic knowledge of how the operator needs to enter the data.

See the ISC9000 data sheet for complete details or schedule a demo with an OES rep by calling the number below.

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