



**SUNITRON INC.®**

40 Pippin Rd., Bldg. # 4, Concord, On. L4K 4M6 Canada

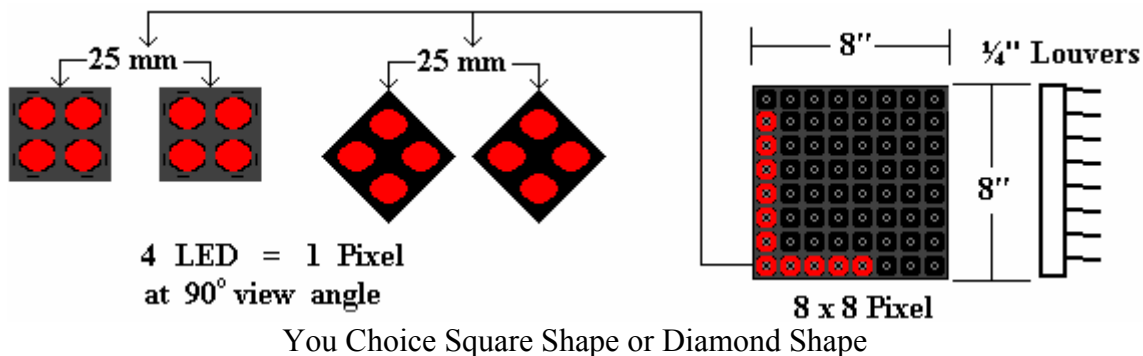
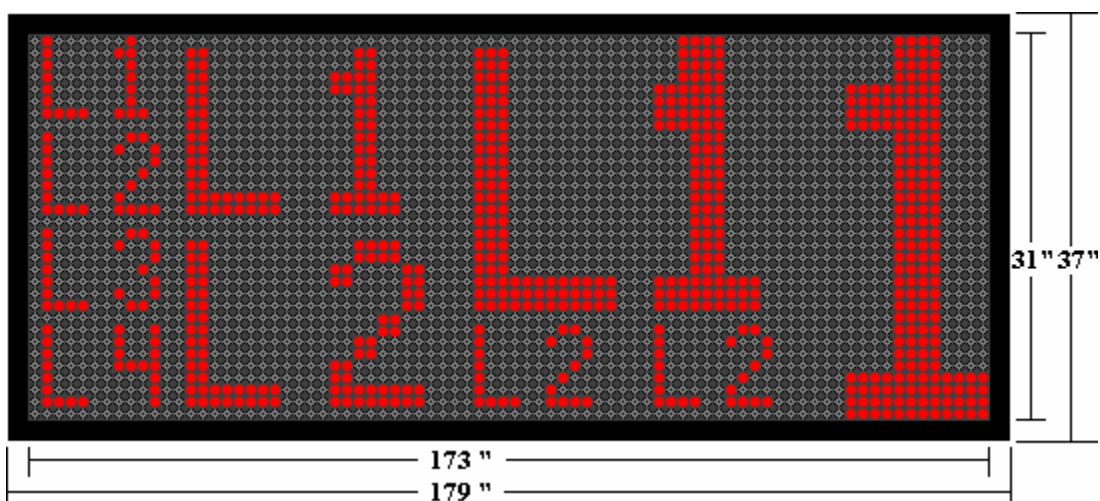
Tel: (905) 660-6888 Fax: (905) 660-8889 Toll Free: 877-630-8811

Indoor - Outdoor Computerized LED Sign Since 1986

Visit us at... [www.sunitron.com](http://www.sunitron.com)

## MegaSun - 455 / 4

- ⇒ Standard 25 mm Pitch 7" character.
- ⇒ Indoor / Outdoor Applications
- ⇒ High resolution (176x32 pixel)
- ⇒ LED(s) x Pixel: 4
- ⇒ Number of Lines: 4
- ⇒ Characters x Line: 29 (@7x5 Font)
- ⇒ Cabinet Dimension: 179" x 37" x 6"
- ⇒ Character Height (Small): 7"
- ⇒ Full matrix display
- ⇒ Superbright daylight visibility
- ⇒ Multistage light sensor (power saver)
- ⇒ Number of LED's: 22528 LED's
- ⇒ Power consumption: 1217 Watts
- ⇒ Viewing angle: 90°
- ⇒ Display Area: 173" x 31"
- ⇒ Character Height (Large): 31"



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## **Technical Specifications MegaSun Series Outdoor Display**

|                                      |   |
|--------------------------------------|---|
| <b>Description Module:</b>           | 200mm x 200mm Approx.(8"x8") Double sided Treated PCB outdoor use.  |
| <b>No. LED's x Pixel:</b>            | Four Superbright Red or Yellow Diodes (LED's).  |
| <b>Pixel Pitch:</b>                  | Center to center spacing: 25mm or 1".   |
| <b>Viewing angle:</b>                | 90 degree's.  |
| <b>Controller:</b>                   | Static bias driver .  |
| <b>Brightness:</b>                   | 1000 mcd per @ LED.   |
| <b>Power consumption:</b>            | 0.216 watts per pixel maximum high power efficiency.  |
| <b>Estimated lifetime:</b>           | LED manufacturer estimates diode life expectancy at 100,000 hours at 30° C<br>Sunitron Inc. will warranty diodes for our standard warranty policy period 1year.   |
| <b>Construction:</b>                 | Steel cabinet black plastic coated with 6.35 mm louvers front face.   |
| <b>Cooling System:</b>               | Automatic on /off (forced air fan).   |
| <b>Display matrix:</b>               | 8 x 8 per modules of 4 LED's per pixel Modules are designed to be "snapped" in and out for quick service.   |
| <b>Features:</b>                     | Time, Date and Temperature.   |
| <b>Communication:<br/>PC to Sign</b> | Via hardwire (RS232 or RS422) up to 4000 ft.<br>Modems requires telephone line on site<br>Wire-less communication.<br>Operable in TCP/IC for Netware Connectivity |
| <b>Automatic Dimmer:</b>             | Multi-stage light sensor "Power Saver" .  |
| <b>Warranty:</b>                     | 1-year service depot warranty on all parts and labour, including on line direct support toll free # 1-877-630-8811.   |
| <b>Technical Support:</b>            | Five year technical support for software upgrading.   |
| <b>Operation Software:</b>           | To run under Micro-soft Windows 9x/Xp environment.  |
| <b>Power requirement:</b>            | 110/120Vac service, internal switch powers supply 7.5 Vdc.<br>With automatic circuit for over voltage protection shot-/off.                                       |
| <b>Electrical cable:</b>             | To be determinate by electrical contractor according to CSA standard.   |

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