



**SUNITRON INC.®**

Indoor - Outdoor Computerized LED Sign Since 1986

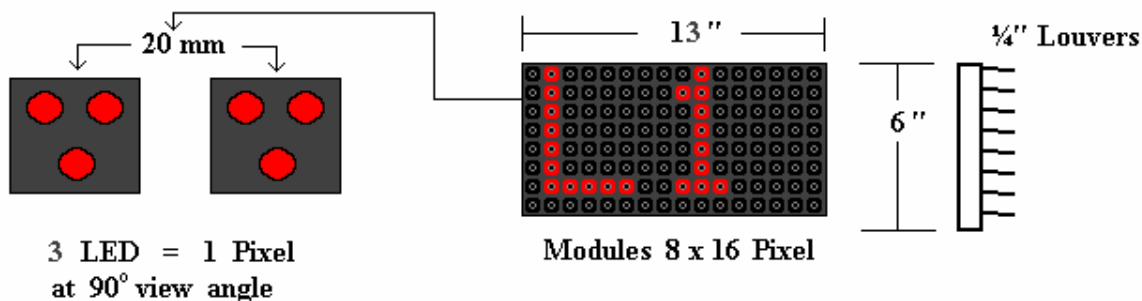
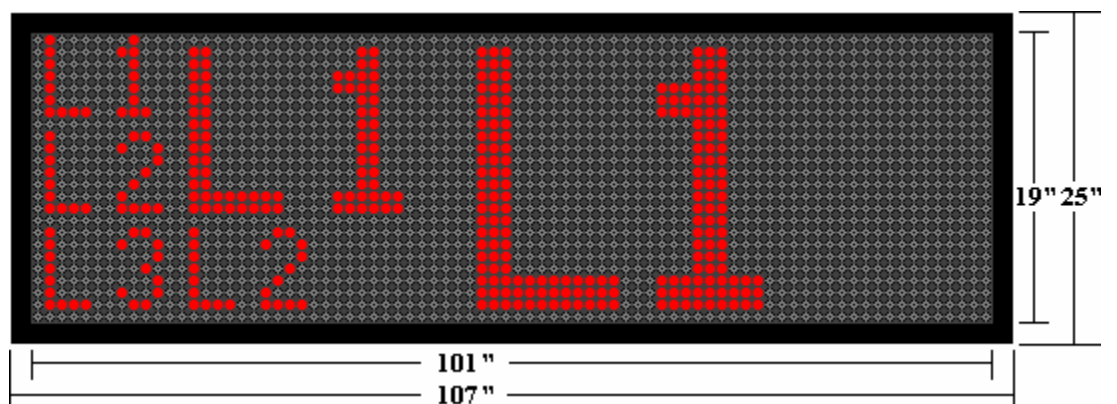
40 Pippin Rd., Bldg. # 4, Concord, On. L4K 4M6 Canada

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

## Model MegaStar III - 270 / 3

- ⇒ Standard 20 mm Pitch 6" character.
  - ⇒ Indoor / Outdoor Applications
  - ⇒ High resolution (128x24 pixel)
  - ⇒ LED(s) x Pixel: 3
  - ⇒ Number of Lines: 3
  - ⇒ Characters x Line: 21 (@7x5 Font)
  - ⇒ Cabinet Dimension: 107" x 25" x 6"
  - ⇒ Character Height (Small): 6"
- ⇒ Full matrix display
  - ⇒ Superbright daylight visibility
  - ⇒ Multistage light sensor (power saver)
  - ⇒ Number of LED's: 9216 LED's
  - ⇒ Max. Power consumption: 498 Watts
  - ⇒ Viewing angle: 90°
  - ⇒ Display Area: 101" x 19"
  - ⇒ Character Height (Large): 19"



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## **Technical Specifications MegaStar Series Outdoor Display**

|                                      |                                                                                                                                                                   |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description Module:</b>           | 320mm x 160mm Approx.(13"x6") Double sided Treated PCB outdoor use.                                                                                               |
| <b>No. LED's x Pixel:</b>            | Three Superbright Red or Yellow Diodes (LED's).                                                                                                                   |
| <b>Pixel Pitch:</b>                  | Center to center spacing: 20mm or .79".                                                                                                                           |
| <b>Viewing angle:</b>                | 90 degree's.                                                                                                                                                      |
| <b>Controller:</b>                   | Static bias driver .                                                                                                                                              |
| <b>Brightness:</b>                   | 1000 mcd per @ LED.                                                                                                                                               |
| <b>Power consumption:</b>            | 0.162 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 16 per modules of 3 LED's per pixel Modules are designed to be "snapped"<br>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/IP 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<br>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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