



**SUNITRON INC.®**

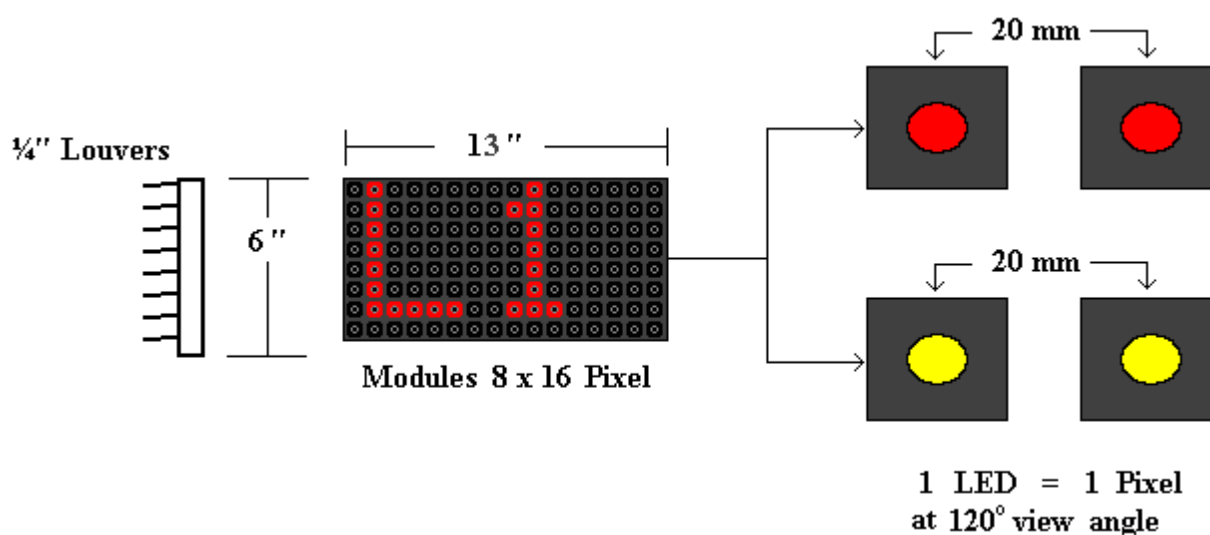
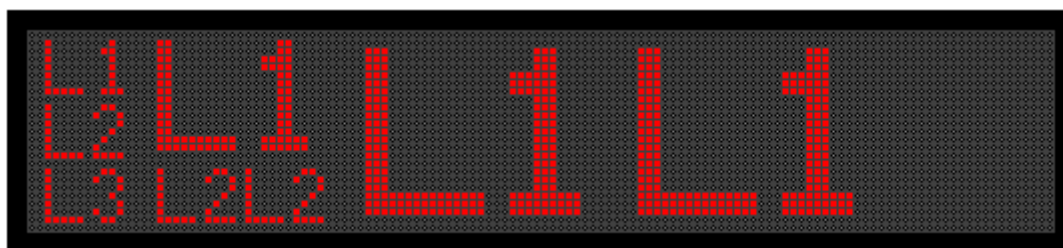
Indoor - Outdoor Computerized LED Sign Since 1986

40 Pippin Rd., Bldg. # 4, Concord, On. L4K 4M6 Canada  
Tel: (905) 660-6888 Fax: (905) 660-8889 Toll Free: 877-630-8811

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

## MegaStar III - 240 / 3

- |                                     |                                         |
|-------------------------------------|-----------------------------------------|
| ⇒ Standard 20 mm Pitch.             | ⇒ Full matrix display                   |
| ⇒ Indoor / Outdoor Applications     | ⇒ Superbright daylight visibility       |
| ⇒ High resolution (112x24 pixel)    | ⇒ Multistage light sensor (power saver) |
| ⇒ LED(s) x Pixel: 1                 | ⇒ Number of LED's: 2688 LED's           |
| ⇒ Number of Lines: 3                | ⇒ Viewing angle: 120°                   |
| ⇒ Characters x Line: 19 (@7x5 Font) | ⇒ Display Area: 88" x 19"               |
| ⇒ Cabinet Dimension: 94" x 25" x 6" | ⇒ Character Height (Large): 19"         |
| ⇒ Character Height (Small): 6"      | ⇒ Weight (approx.): 75 Kg               |



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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 Super-bright Red or Yellow Diodes (LED's).                                                                                                                                                                                           |
| <b>Pixel Pitch:</b>                  | Center to center spacing: 20mm or .79".                                                                                                                                                                                                    |
| <b>Viewing angle:</b>                | 120 degree's.                                                                                                                                                                                                                              |
| <b>Controller:</b>                   | Static bias driver.                                                                                                                                                                                                                        |
| <b>Brightness:</b>                   | 6000/6500 nit per sqm.                                                                                                                                                                                                                     |
| <b>Automatic Dimmer:</b>             | Multi-stage light sensor "Power Saver" .                                                                                                                                                                                                   |
| <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.                                                                                                                                                                |
| <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" 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>Warranty:</b>                     | 3-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>           | Windows base software (Size, Position, Brightness Control).                                                                                                                                                                                |
| <b>Power requirement:</b>            | 110/120Vac service, internal switch powers supply.<br>With automatic circuit for over voltage protection shot-/off.                                                                                                                        |
| <b>Electrical cable:</b>             | To be determinate by electrical contractor according to CSA standard.                                                                                                                                                                      |
| <b>Waterproof Level:</b>             | <b>International Protection Rating: IP 65</b><br>6: Dust tight (No ingress of dust; complete protection against contact)<br>5: Water jets (Water projected by a nozzle against enclosure from any direction shall have no harmful effects) |

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