



**SUNITRON INC.®**

Indoor - Outdoor Computerized LED Sign Since 1986

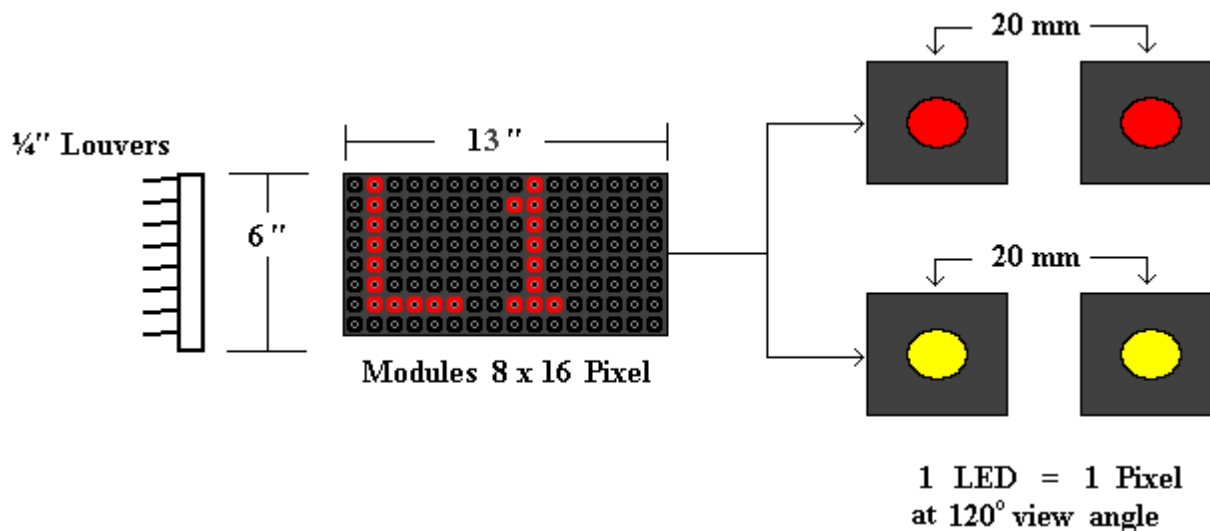
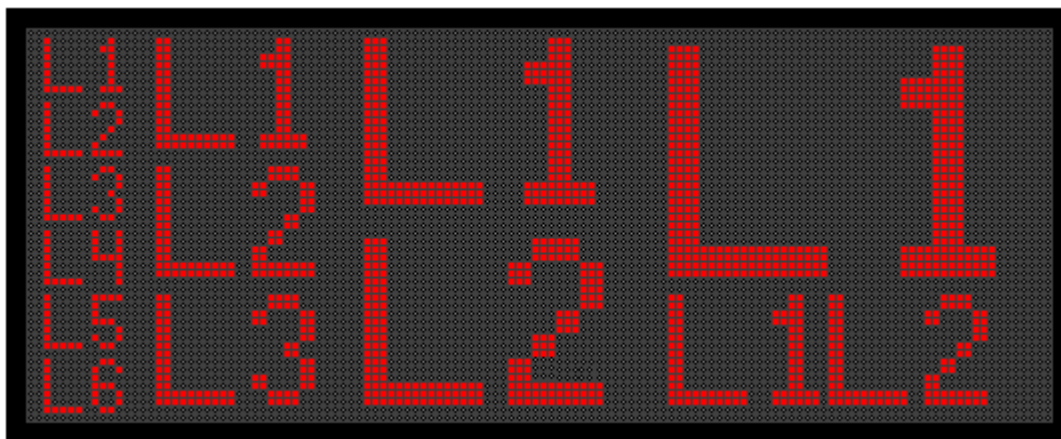
40 Pippin Rd., Bldg. # 4, Concord, On. L4K 4M6 Canada

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

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## MegaStar III - 330 / 6

- ⇒ Standard 20 mm Pitch.
- ⇒ Indoor / Outdoor Applications
- ⇒ High resolution (160x48 pixel)
- ⇒ LED(s) x Pixel: 1
- ⇒ Number of Lines: 4
- ⇒ Characters x Line: 27 (@7x5 Font)
- ⇒ Cabinet Dimension: 132" x 44" x 6"
- ⇒ Character Height (Small): 6"
- ⇒ Full matrix display
- ⇒ Superbright daylight visibility
- ⇒ Multistage light sensor (power saver)
- ⇒ Number of LED's: 7680 LED's
- ⇒ Viewing angle: 120°
- ⇒ Display Area: 126" x 38"
- ⇒ Character Height (Large): 38"
- ⇒ Weight (approx.): 185Kg



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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><b>6:</b> Dust tight (No ingress of dust; complete protection against contact)<br><b>5:</b> Water jets (Water projected by a nozzle against enclosure from any direction shall have no harmful effects) |

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